

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012250.D
 Acq On : 10 Sep 2019 11:22
 Operator : SY/SP
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:00:37 AM

Quant Time: Sep 10 19:16:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 11:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	141916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	307301	145.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.80%	
35) Dibromofluoromethane	5.48	113	246540	143.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.24%	
50) Toluene-d8	8.71	98	908247	151.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.56%	
62) 4-Bromofluorobenzene	11.13	95	393551	141.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	150281	132.465	ug/l	99
3) Chloromethane	1.31	50	147395	134.807	ug/l	99
4) Vinyl Chloride	1.40	62	150047	143.292	ug/l	100
6) Chloroethane	1.70	64	93036	141.526	ug/l	99
7) Trichlorofluoromethane	1.90	101	252309	141.647	ug/l	100
8) Diethyl Ether	2.17	74	94683	119.611	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	181066	136.457	ug/l	99
10) Methyl Iodide	2.49	142	208884	160.289	ug/l	100
11) Tert butyl alcohol	3.04	59	160381	816.191	ug/l	99
12) 1,1-Dichloroethene	2.36	96	156847	140.345	ug/l	97
13) Acrolein	2.28	56	78597	659.773	ug/l	96
14) Allyl chloride	2.71	41	331080	143.550	ug/l	98
15) Acrylonitrile	3.13	53	309343	707.109	ug/l	99
16) Acetone	2.44	43	318421	712.875	ug/l	97
17) Carbon Disulfide	2.55	76	330649	143.759	ug/l	100
18) Methyl Acetate	2.76	43	151495	133.475	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	650611	141.524	ug/l	99
20) Methylene Chloride	2.84	84	213945	114.148	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	184604	136.467	ug/l	98
22) Diisopropyl ether	3.84	45	761493	141.612	ug/l	100
23) Vinyl Acetate	3.80	43	2443474	744.313	ug/l	99
24) 1,1-Dichloroethane	3.68	63	398653	138.888	ug/l	99
25) 2-Butanone	4.66	43	442974	723.366	ug/l	100
26) 2,2-Dichloropropane	4.56	77	361579	135.833	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	245973	138.011	ug/l	99
28) Bromochloromethane	5.00	49	190876	144.992	ug/l	99
29) Tetrahydrofuran	5.11	42	268127	721.937	ug/l	99
30) Chloroform	5.20	83	437793	133.304	ug/l	99
31) Cyclohexane	5.56	56	259610	134.488	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	376013	138.236	ug/l	100
36) 1,1-Dichloropropene	5.78	75	269689	136.844	ug/l	99
37) Ethyl Acetate	4.82	43	187295	143.883	ug/l	99
38) Carbon Tetrachloride	5.77	117	314757	139.453	ug/l	98
39) Methylcyclohexane	7.45	83	288357	139.048	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	825156	138.002	ug/l	100
41) Methacrylonitrile	5.03	41	114533	142.546	ug/l	95
42) 1,2-Dichloroethane	6.18	62	326720	135.216	ug/l	99
43) Isopropyl Acetate	6.43	43	384637	142.722	ug/l	99
44) Trichloroethene	7.20	130	220386	136.670	ug/l	98
45) 1,2-Dichloropropane	7.51	63	232150	137.553	ug/l	99
46) Dibromomethane	7.65	93	132016	137.534	ug/l	99
47) Bromodichloromethane	7.89	83	359949	140.106	ug/l	99
48) Methyl methacrylate	7.76	41	188777	145.766	ug/l	99
49) 1,4-Dioxane	7.73	88	51537	2835.324	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1012410	722.021	ug/l	100
52) Toluene	8.78	92	542829	136.685	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367376	143.430	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	399295	142.889	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	200915	137.913	ug/l	99
56) Ethyl methacrylate	9.17	69	291617	143.185	ug/l	99
57) 1,3-Dichloropropane	9.37	76	341366	137.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	731336	756.180	ug/l	100
59) 2-Hexanone	9.49	43	737397	740.180	ug/l	99
60) Dibromochloromethane	9.58	129	250654	145.061	ug/l	99
61) 1,2-Dibromoethane	9.67	107	190973	140.592	ug/l	98
64) Tetrachloroethene	9.33	164	178765	134.435	ug/l	100
65) Chlorobenzene	10.14	112	630639	132.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	252521	138.192	ug/l	99
67) Ethyl Benzene	10.24	91	1125459	134.453	ug/l	98
68) m/p-Xylenes	10.35	106	829303	268.626	ug/l	100
69) o-Xylene	10.70	106	412056	136.797	ug/l	100
70) Stvrene	10.71	104	746161	137.757	ug/l	99
71) Bromoform	10.85	173	144864	152.047	ug/l #	99
73) Isopropylbenzene	11.01	105	1139031	131.932	ug/l	99
74) N-amyl acetate	10.89	43	388073	140.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	268901	138.573	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	233987m	139.024	ug/l	
77) Bromobenzene	11.25	156	270764	131.204	ug/l	99
78) n-propylbenzene	11.35	91	1365107	131.378	ug/l	99
79) 2-Chlorotoluene	11.42	91	858124	132.310	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1028912	131.665	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	88375	145.022	ug/l	94
82) 4-Chlorotoluene	11.51	91	1014491	127.786	ug/l	100
83) tert-Butylbenzene	11.77	119	1002456	132.311	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1069259	132.295	ug/l	98
85) sec-Butylbenzene	11.94	105	1180479	132.553	ug/l	100
86) p-Isopropyltoluene	12.06	119	1117122	135.293	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	543387	132.778	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	551375	134.353	ug/l	99
89) n-Butylbenzene	12.38	91	1075843	135.816	ug/l	100
90) Hexachloroethane	12.59	117	218679	144.413	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	508686	132.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	56244	146.212	ug/l	93
93) 1,2,4-Trichlorobenzene	13.64	180	373009	147.301	ug/l	99

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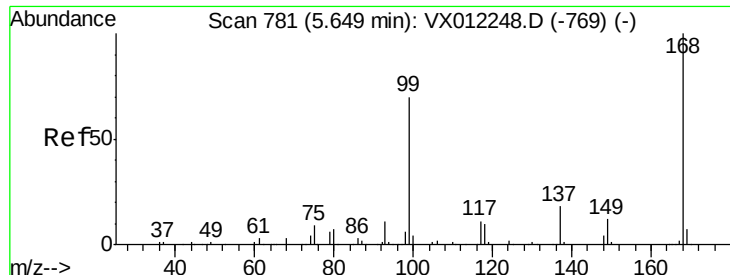
Manual Integrations
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MMDadoda
9/12/2019 9:00:37 AM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	181269	147.967	ug/l	97
95) Naphthalene	13.83	128	845614	152.082	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	333578	150.643	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 141916

Ion Ratio Lower Upper

168 100

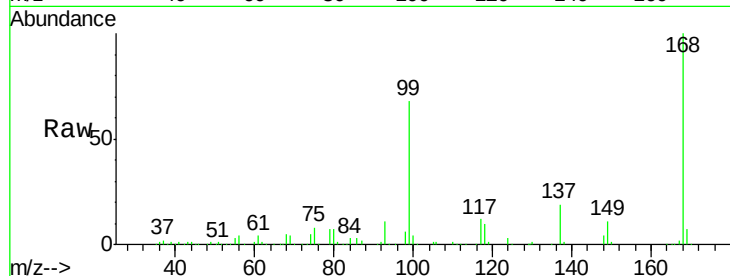
99 68.2 55.8 83.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

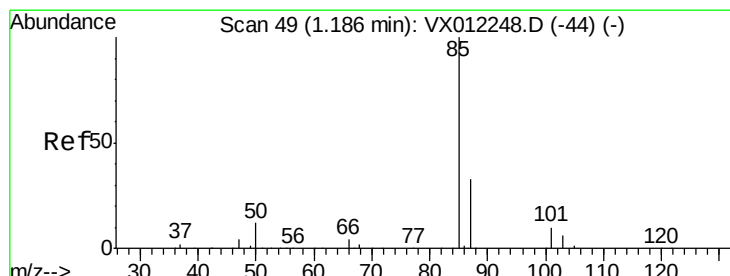
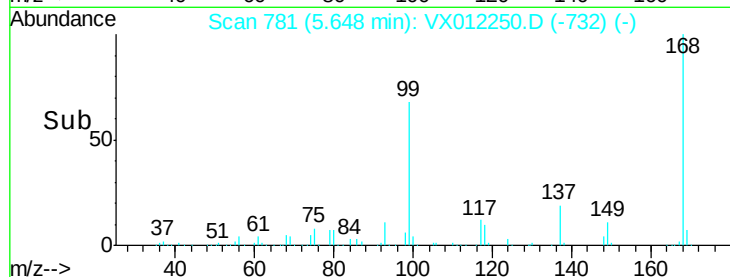
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 132.465 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012250.D

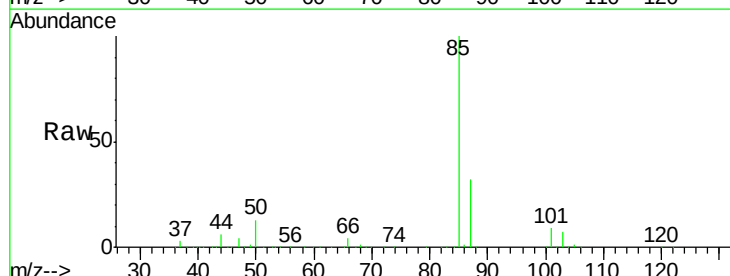
Acq: 10 Sep 2019 11:22

Tgt Ion: 85 Resp: 150281

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

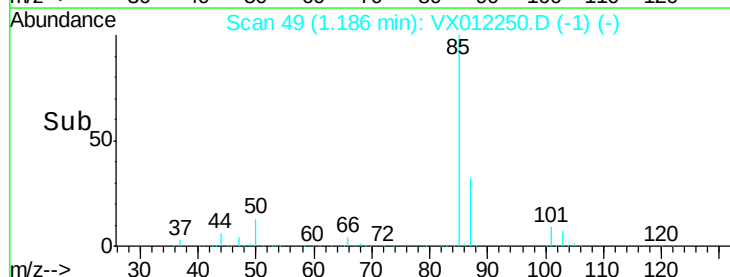
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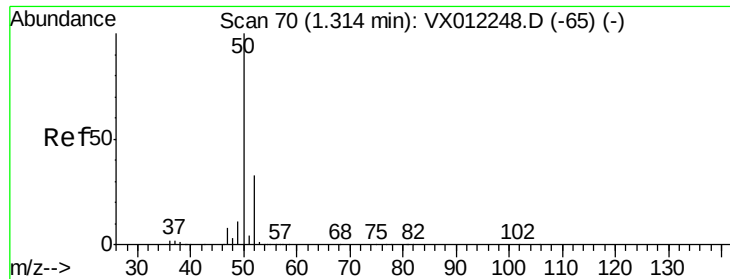
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 134.807 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 147395

Ion Ratio Lower Upper

50 100

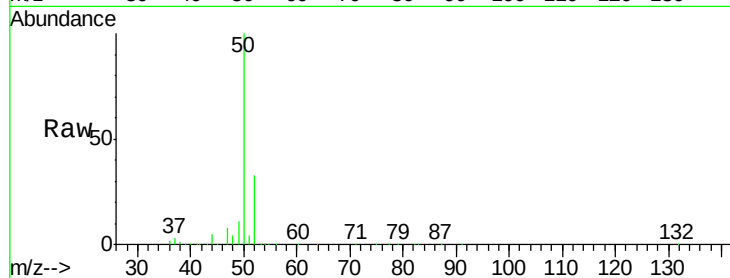
52 32.8 26.7 40.1

Manual Integrations

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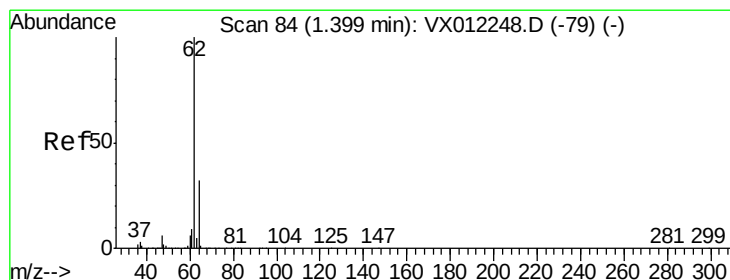
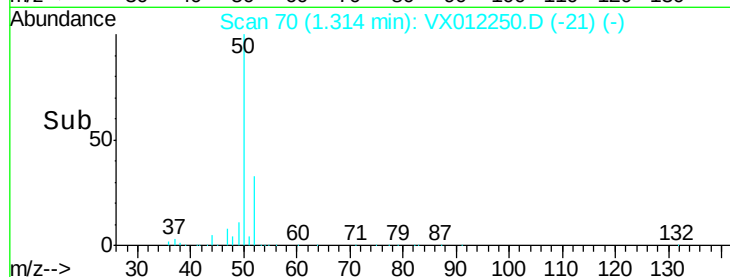
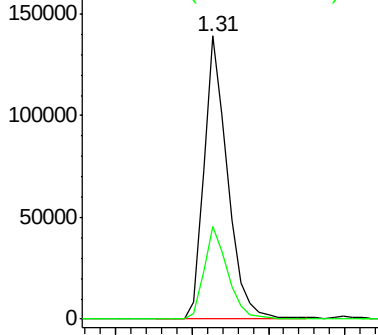
MMDadoda

9/12/2019 9:00:37 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 143.292 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012250.D

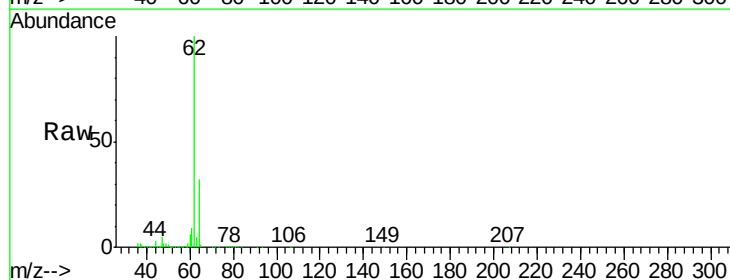
Acq: 10 Sep 2019 11:22

Tgt Ion: 62 Resp: 150047

Ion Ratio Lower Upper

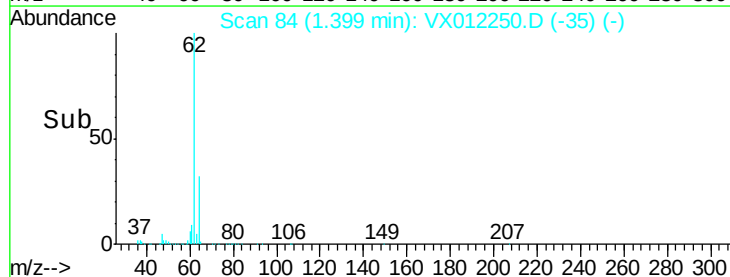
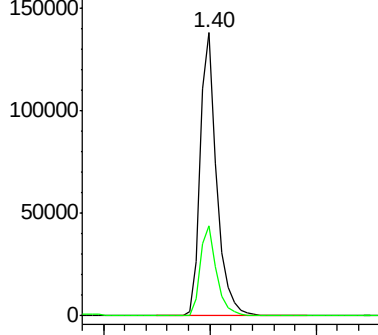
62 100

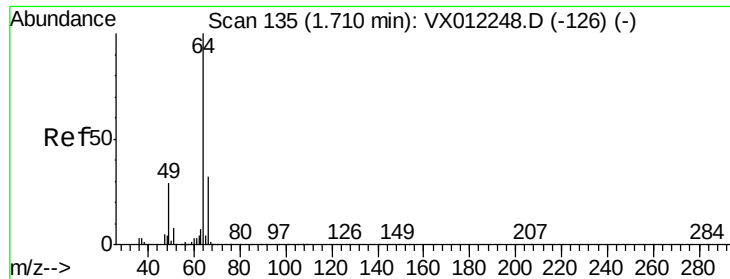
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 141.526 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 64 Resp: 93036

Ion Ratio Lower Upper

64 100

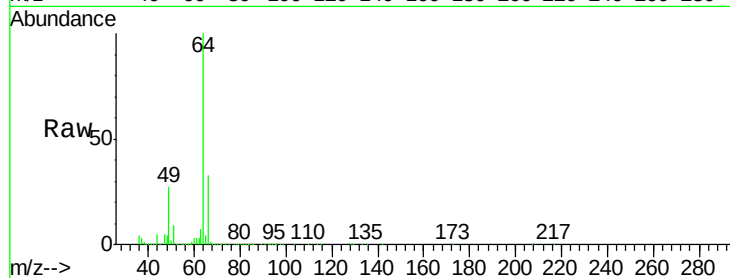
66 32.7 25.8 38.6

Manual Integrations

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9/12/2019 9:00:37 AM



Abundance Ion 63.90 (63.60 to 64.60): VX012248.D (-126) (-)

Ion 65.90 (65.60 to 66.60): VX012248.D (-126) (-)

1.70

80000

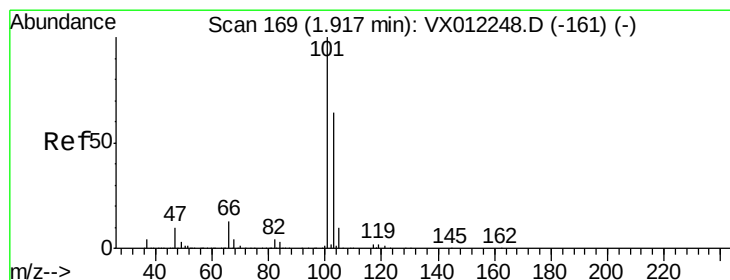
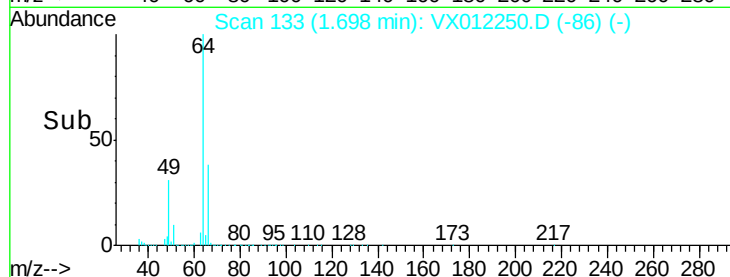
60000

40000

20000

0

Time-->



#7

Trichlorofluoromethane

Concen: 141.647 ug/l

RT: 1.90 min Scan# 167

Delta R.T. -0.01 min

Lab File: VX012250.D

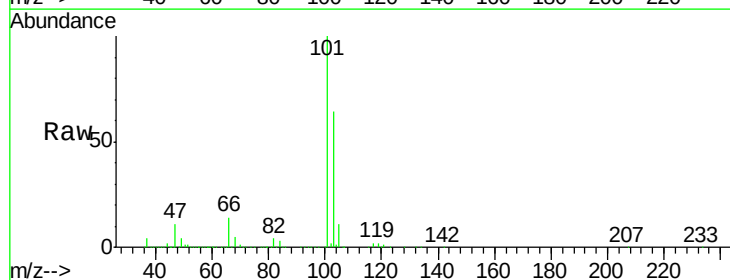
Acq: 10 Sep 2019 11:22

Tgt Ion:101 Resp: 252309

Ion Ratio Lower Upper

101 100

103 64.5 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): VX012248.D (-161) (-)

Ion 102.80 (102.50 to 103.50): VX012248.D (-161) (-)

1.90

200000

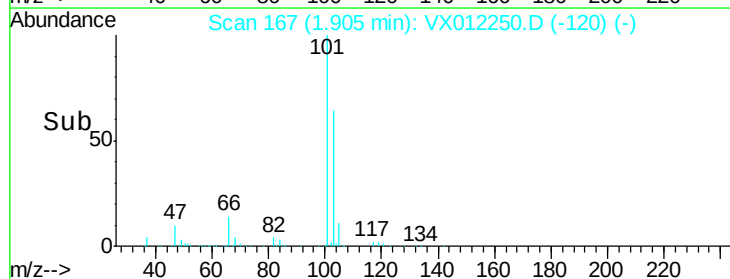
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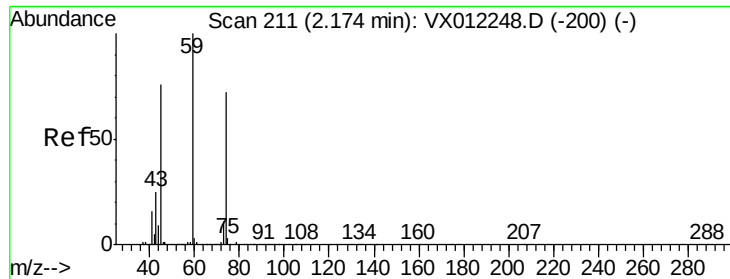
100000

50000

0

Time-->





#8

Diethyl Ether

Concen: 119.611 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 94683

Ion Ratio Lower Upper

74 100

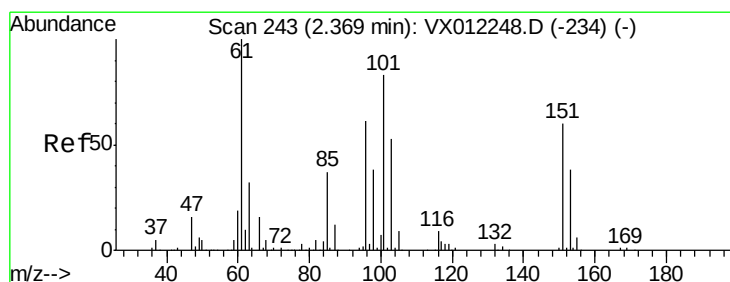
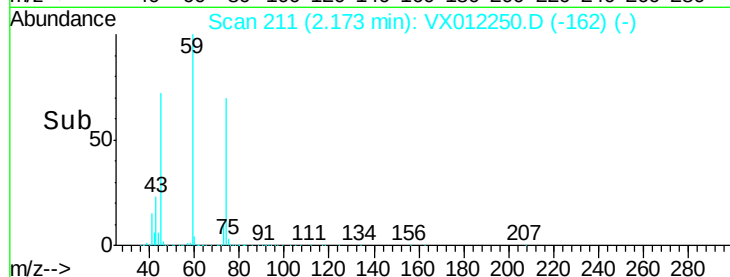
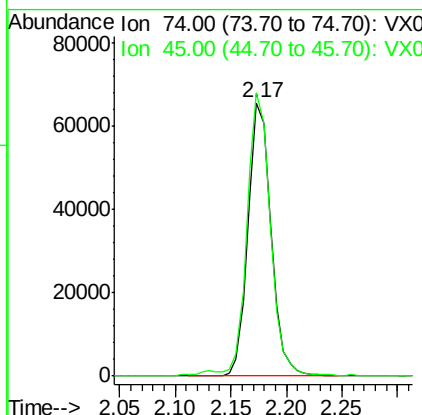
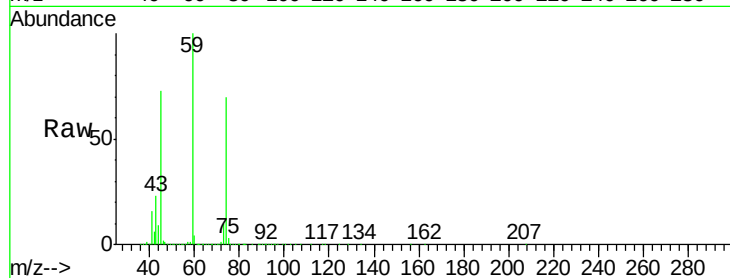
45 103.0 51.3 153.9

Manual Integrations

APPROVED

MMDadoda

9/12/2019 9:00:37 AM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.457 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

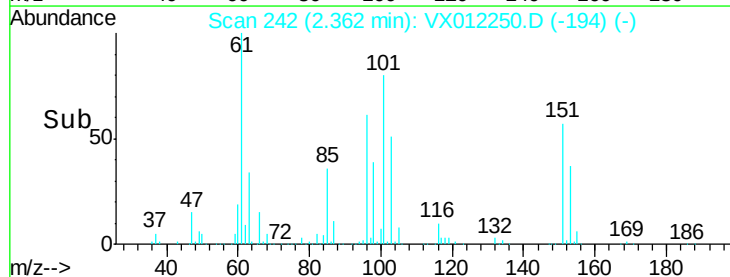
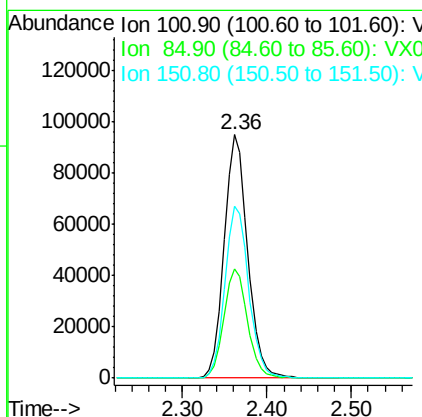
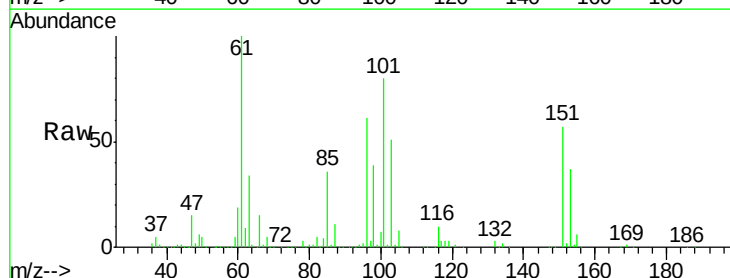
Tgt Ion: 101 Resp: 181066

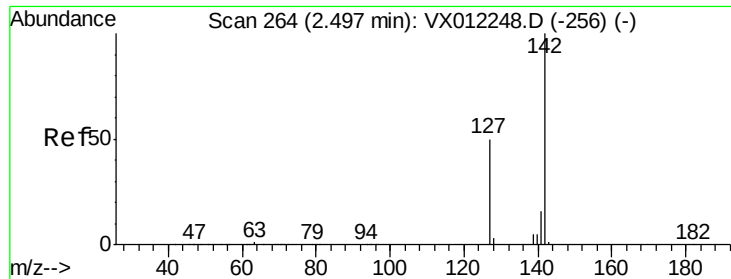
Ion Ratio Lower Upper

101 100

85 45.6 37.0 55.6

151 72.0 58.6 87.8





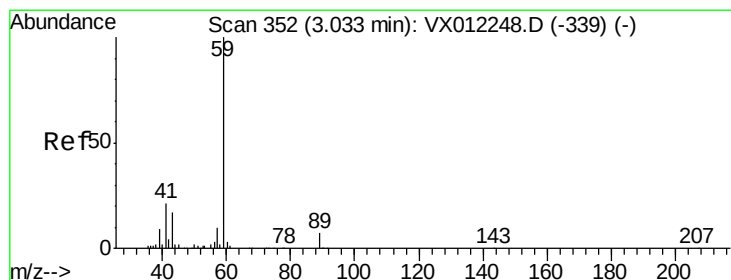
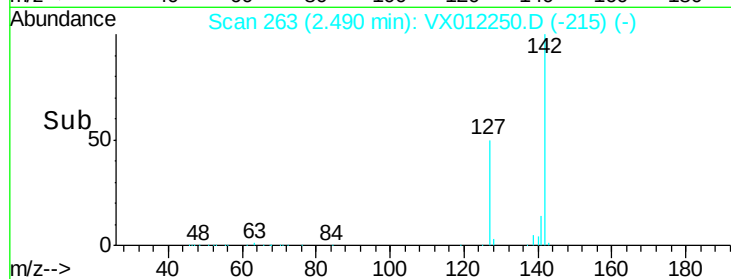
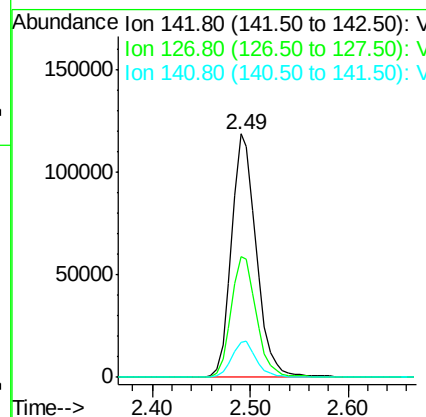
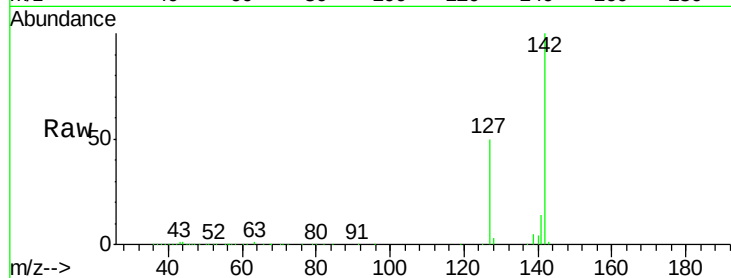
#10
Methyl Iodide
Concen: 160.289 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

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Tot Ion	Ratio	Lower	Upper
142	100		
127	50.5	40.6	61.0
141	14.8	12.0	18.0

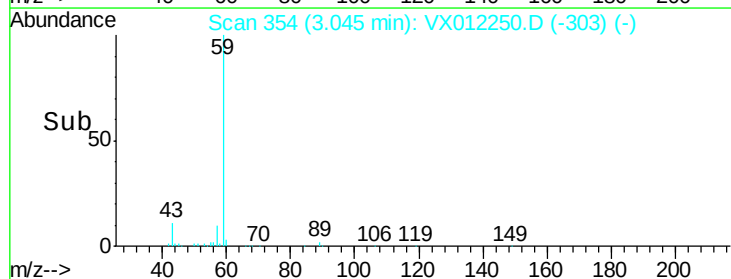
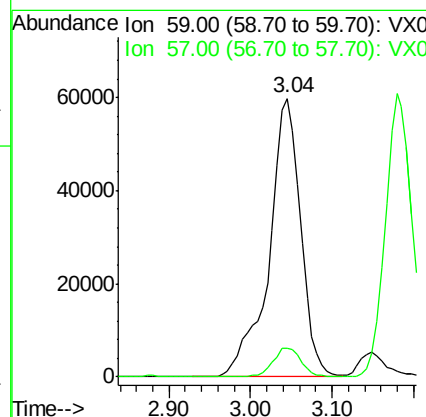
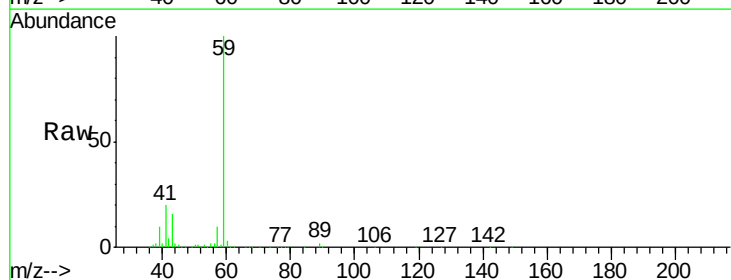
Manual Integrations
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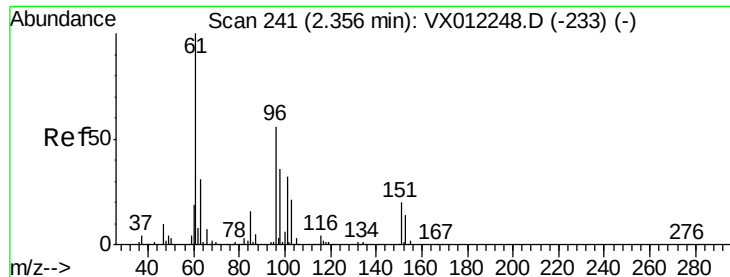
MMDadoda
9/12/2019 9:00:37 AM



#11
Tert butyl alcohol
Concen: 816.191 ug/l
RT: 3.04 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.6





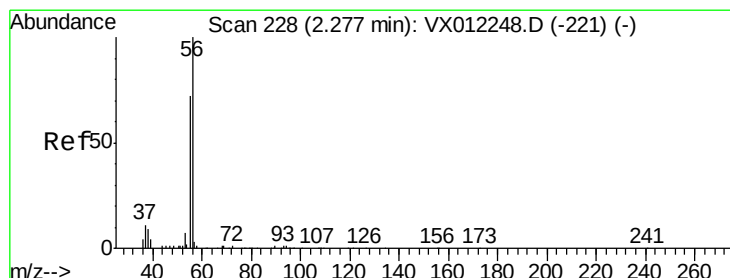
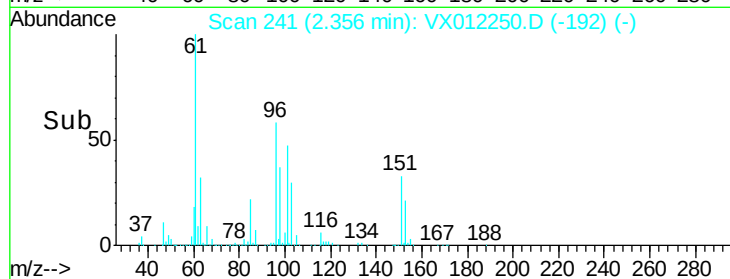
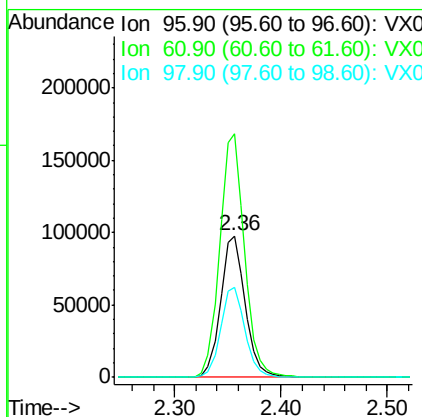
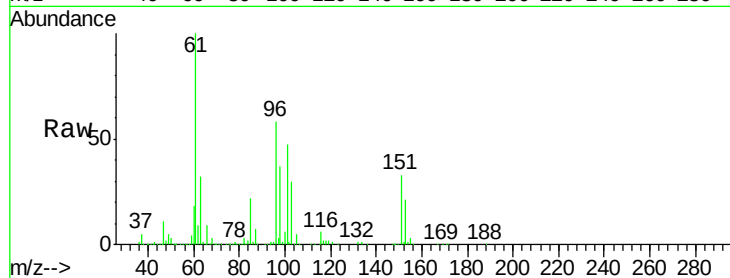
#12
 1,1-Dichloroethene
 Concen: 140.345 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	172.4	142.2	213.2
98	64.2	51.3	76.9

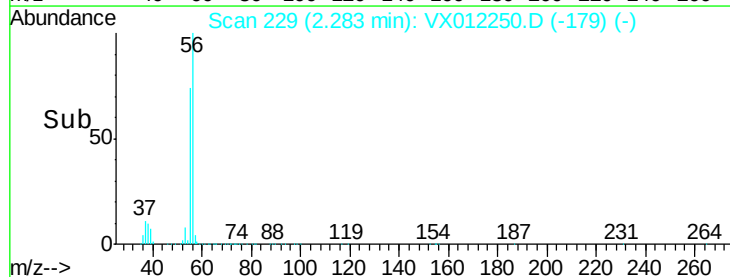
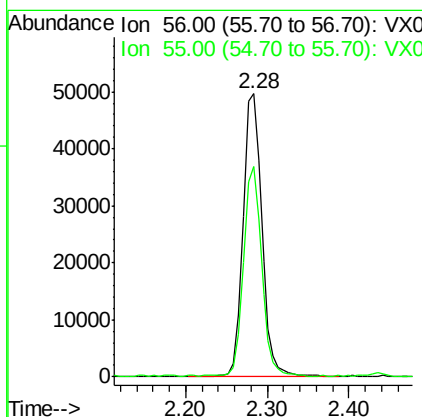
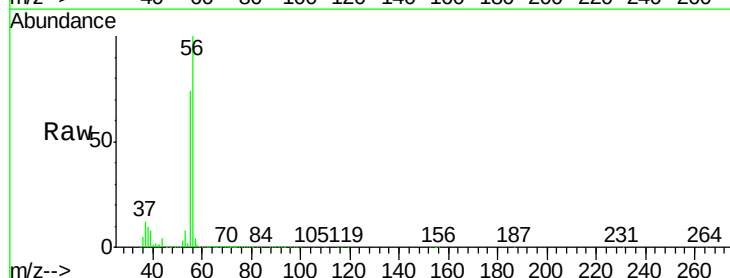
Manual Integrations
 APPROVED

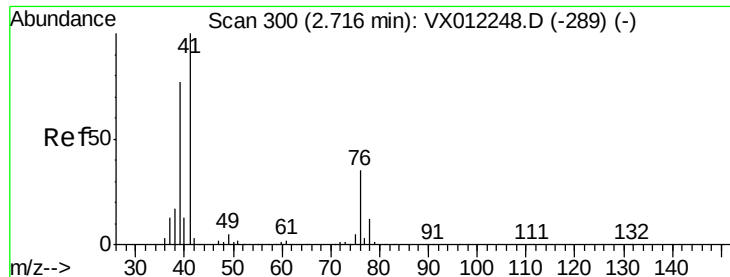
MMDadoda
 9/12/2019 9:00:37 AM



#13
 Acrolein
 Concen: 659.773 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.4	59.8	89.6





#14

Allvl chloride

Concen: 143.550 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

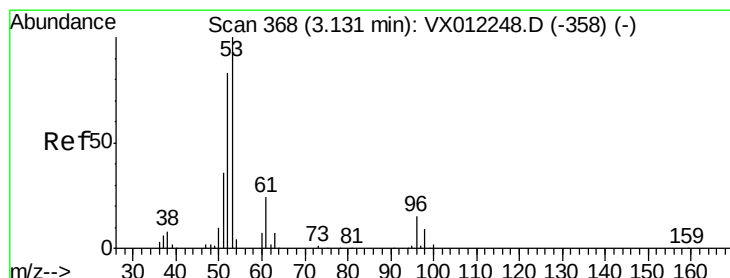
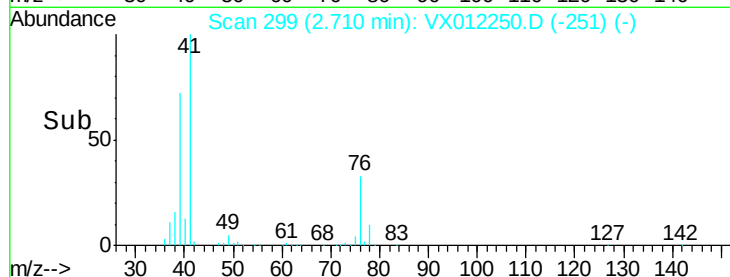
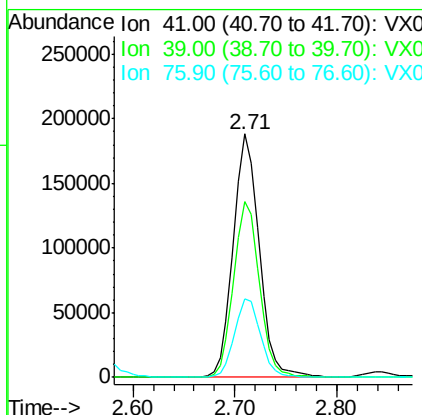
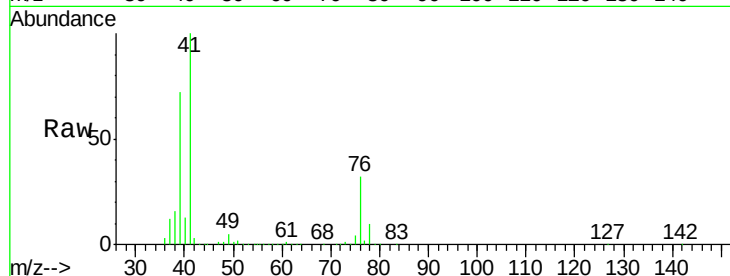
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	331080
Ion	Ratio	Lower	Upper
41	100		
39	71.7	58.6	87.8
76	32.3	26.3	39.5

Manual Integrations
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#15

Acrylonitrile

Concen: 707.109 ug/l

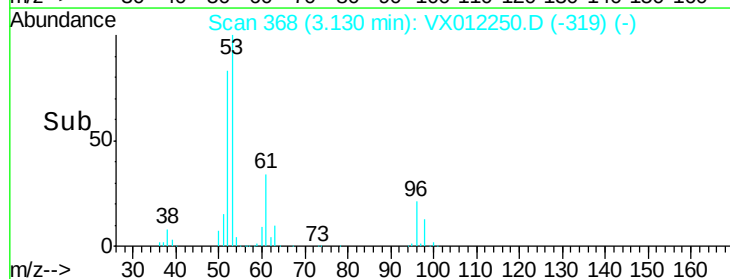
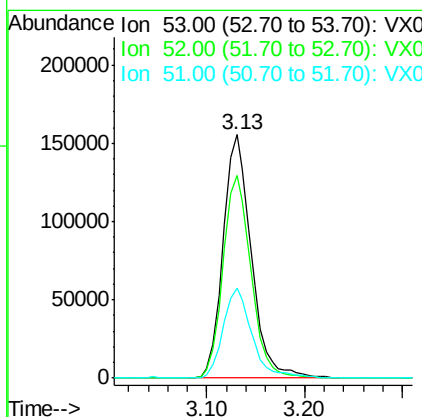
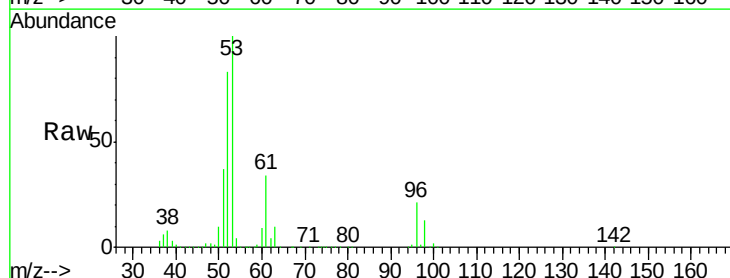
RT: 3.13 min Scan# 368

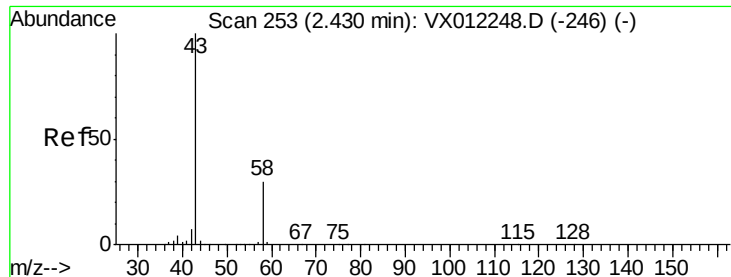
Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion:	53	Resp:	309343
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.8	100.2
51	38.1	30.7	46.1





#16

Acetone

Concen: 712.875 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 318421

Ion Ratio Lower Upper

43 100

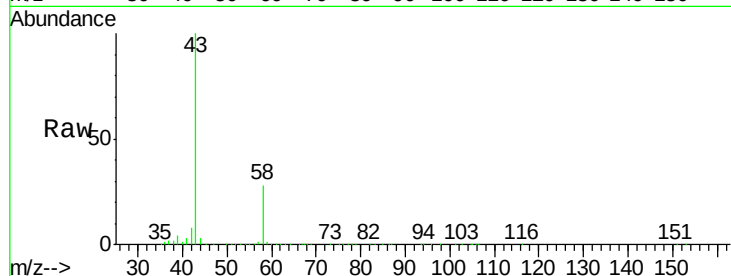
58 28.0 23.6 35.4

Manual Integrations

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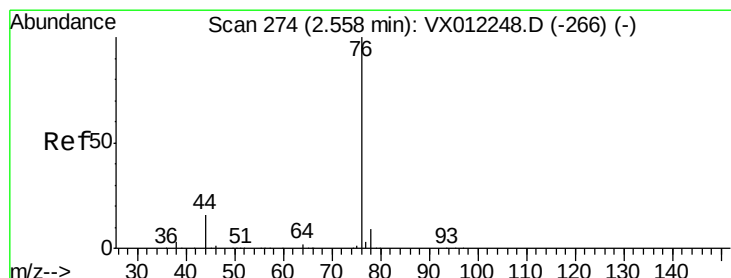
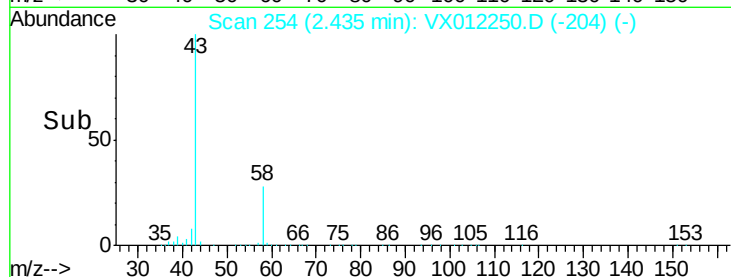
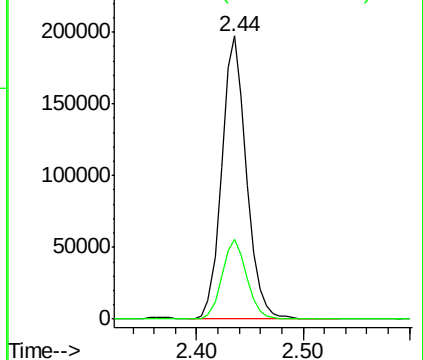
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 143.759 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012250.D

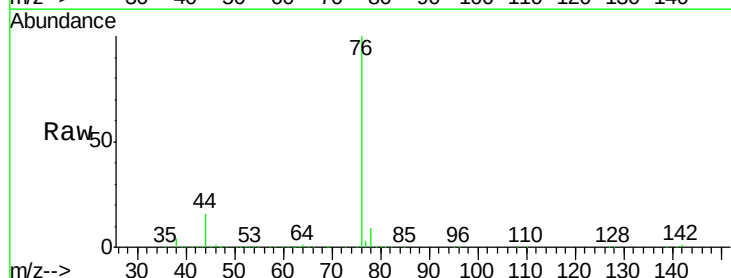
Acq: 10 Sep 2019 11:22

Tgt Ion: 76 Resp: 330649

Ion Ratio Lower Upper

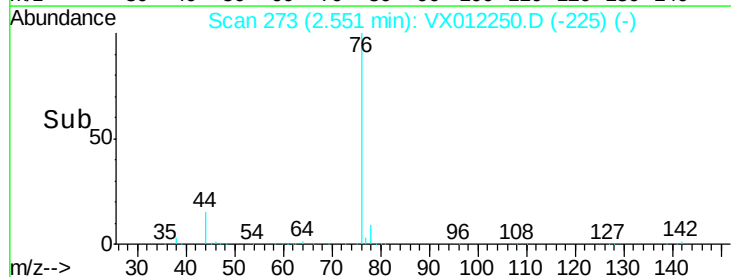
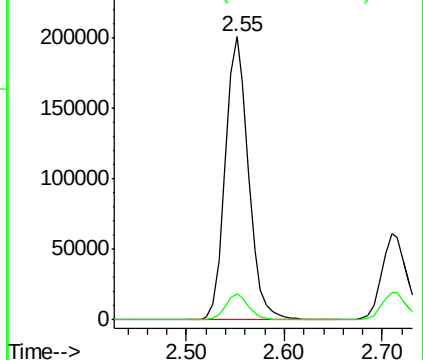
76 100

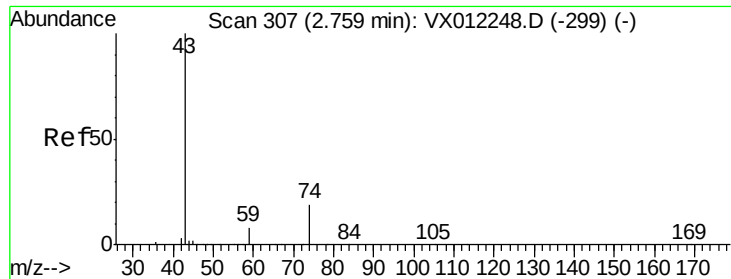
78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





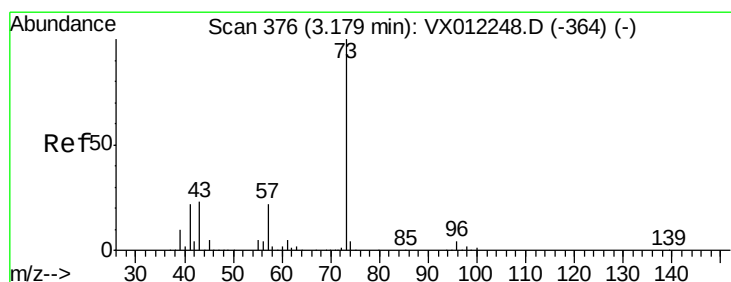
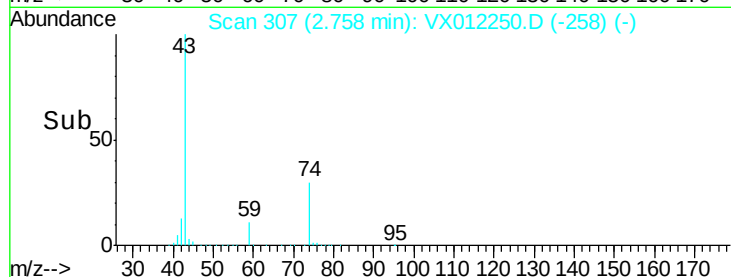
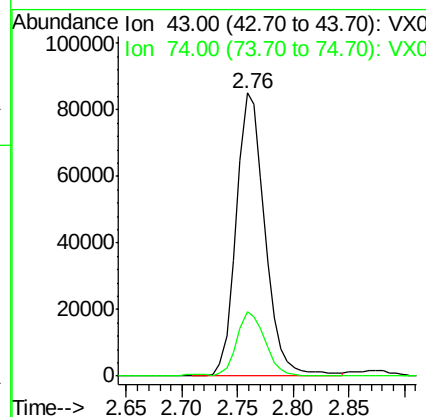
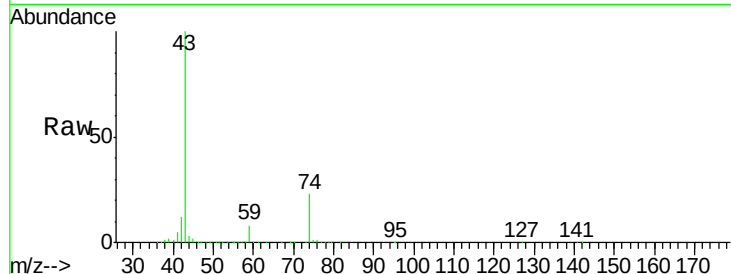
#18
Methvl Acetate
Concen: 133.475 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.3	27.5

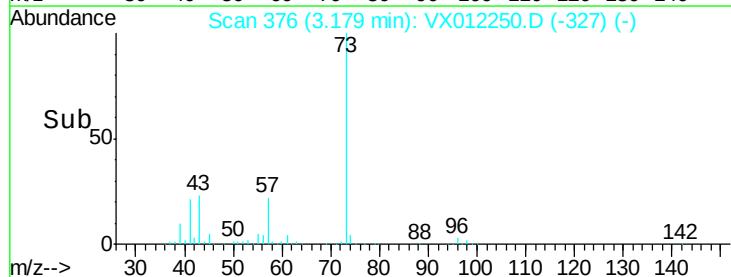
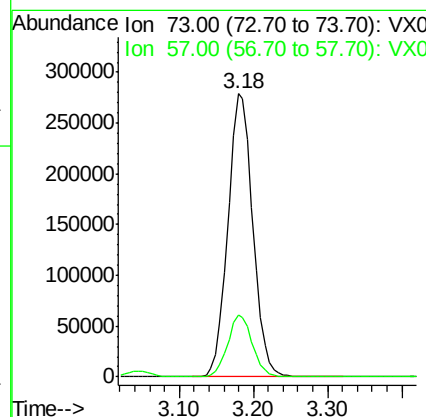
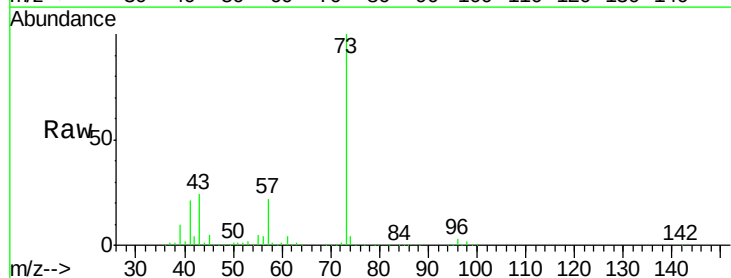
Manual Integrations
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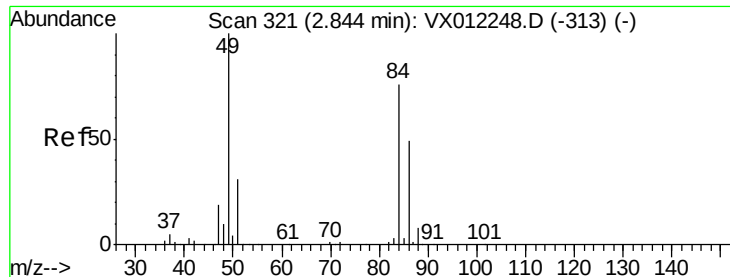
MMDadoda
9/12/2019 9:00:37 AM



#19
Methyl tert-butyl Ether
Concen: 141.524 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.7	26.5





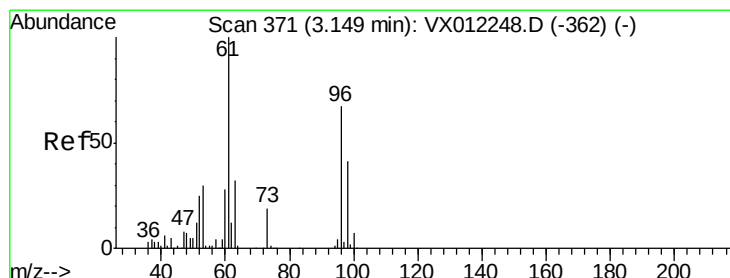
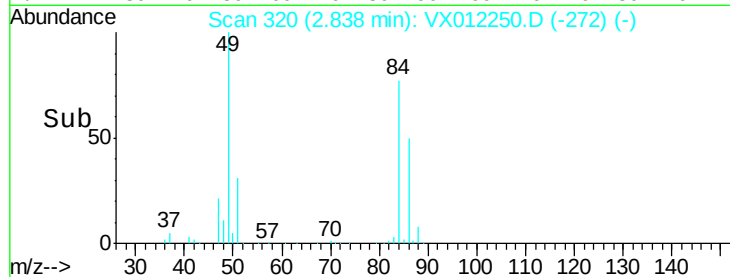
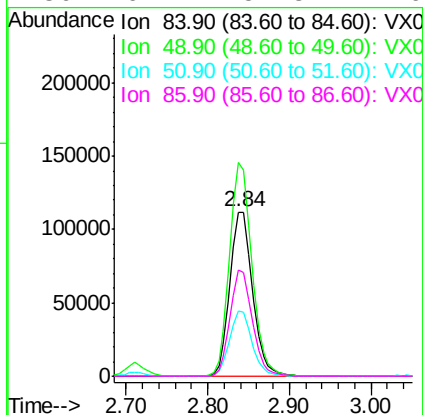
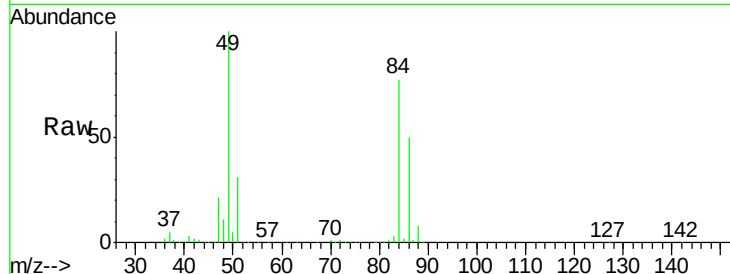
#20
Methylene Chloride
Concen: 114.148 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	84	Resp:	213945
Ion	Ratio	Lower	Upper
84	100		
49	129.8	105.0	157.6
51	39.8	32.6	48.8
86	64.4	51.8	77.6

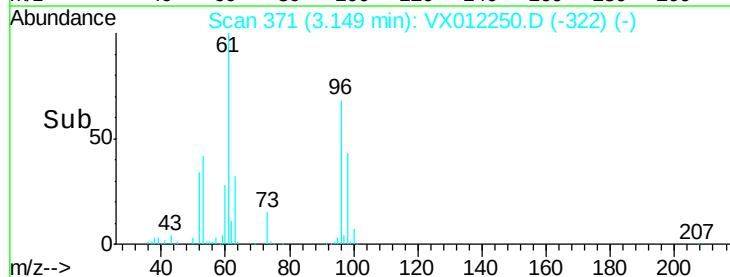
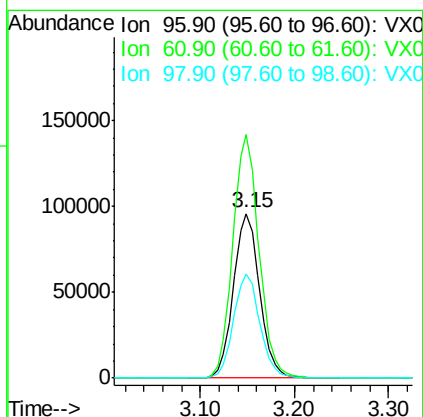
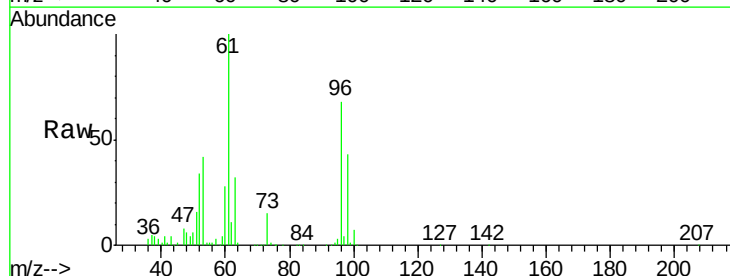
Manual Integrations
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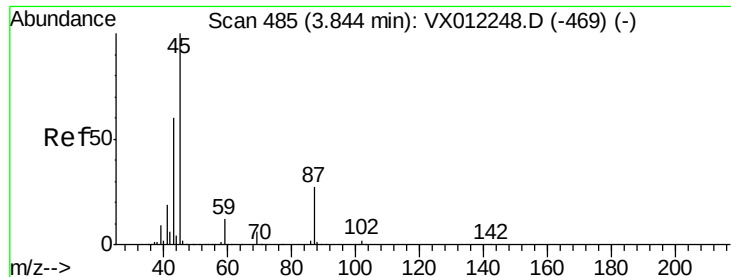
MMDadoda
9/12/2019 9:00:37 AM



#21
trans-1,2-Dichloroethene
Concen: 136.467 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion:	96	Resp:	184604
Ion	Ratio	Lower	Upper
96	100		
61	148.0	119.4	179.2
98	63.1	48.4	72.6





#22

Diisopropyl ether

Concen: 141.612 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

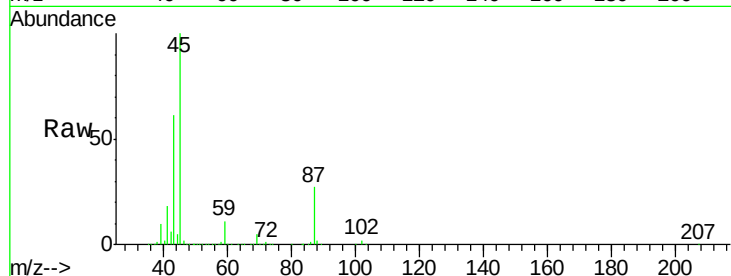
ClientSampleId :

VSTDIC150

Tot Ion	45	Resp	761493
Ion	Ratio	Lower	Upper
45	100		
43	60.5	48.3	72.5
87	27.4	21.8	32.8
59	11.3	9.1	13.7

Manual Integrations
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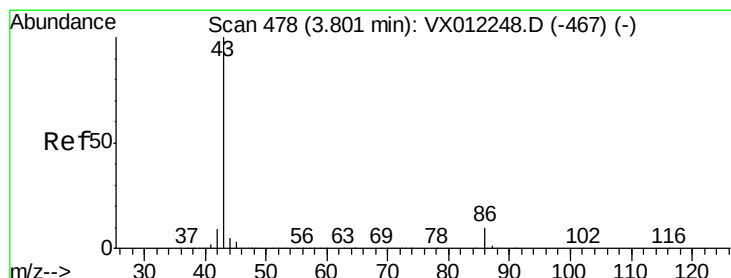
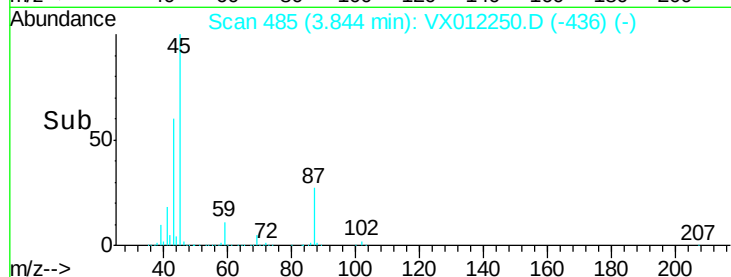
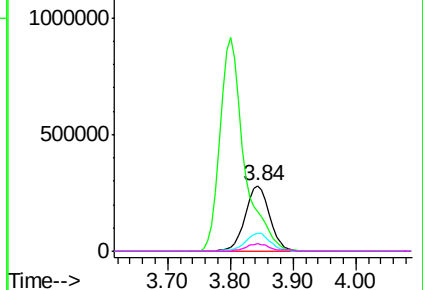


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 744.313 ug/l

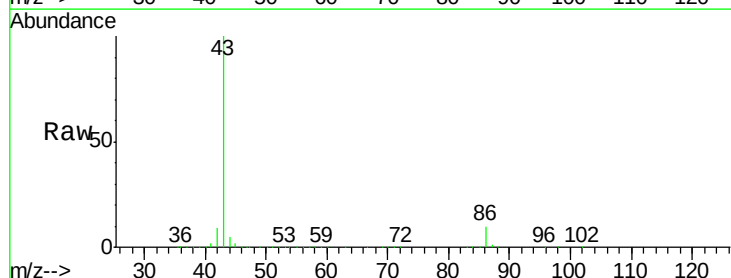
RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012250.D

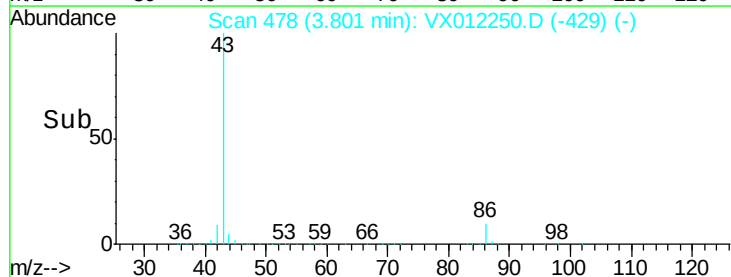
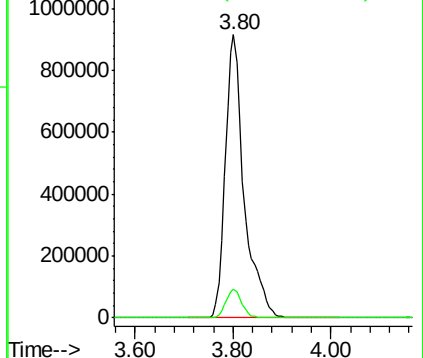
Acq: 10 Sep 2019 11:22

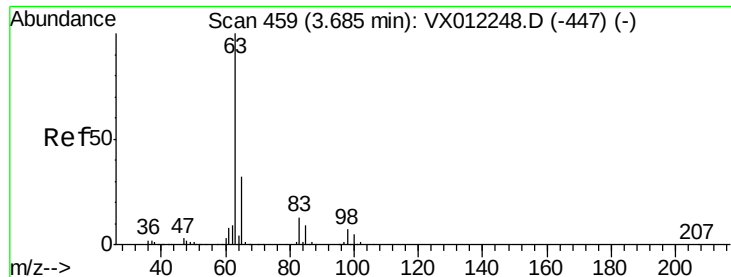
Tgt Ion	43	Resp	2443474
Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.3	12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 138.888 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

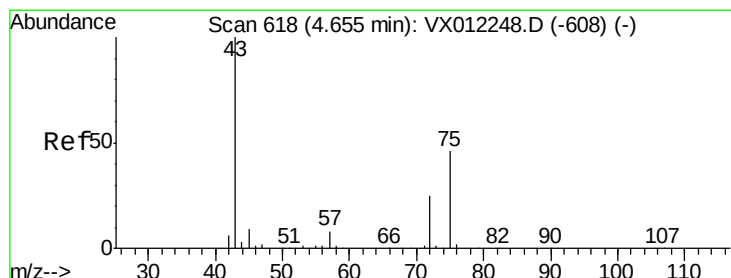
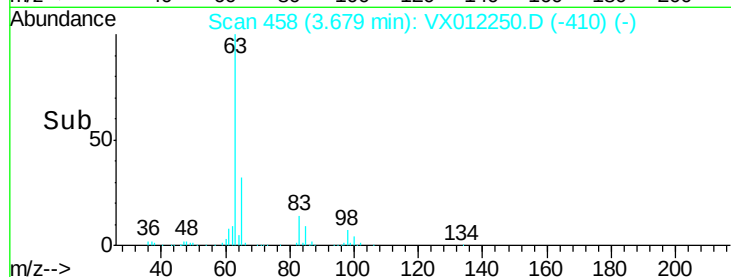
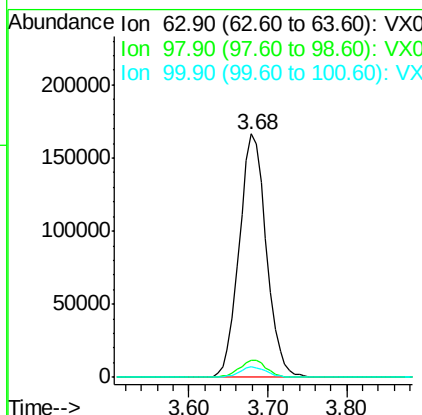
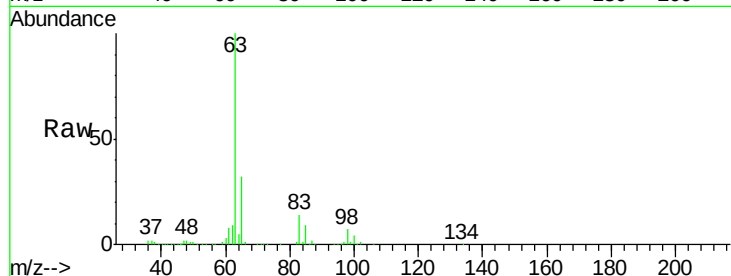
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	398653
Ion Ratio	Lower	Upper	
63	100		
98	6.8	3.4	10.1
100	4.3	2.4	7.2

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#25

2-Butanone

Concen: 723.366 ug/l

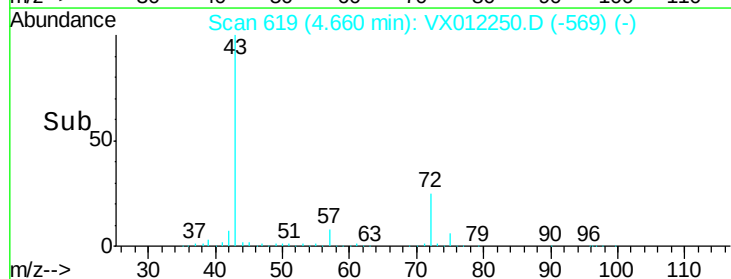
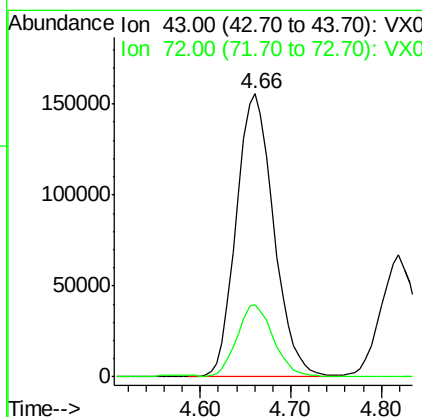
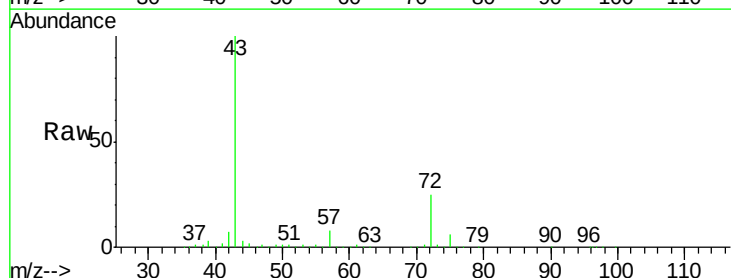
RT: 4.66 min Scan# 619

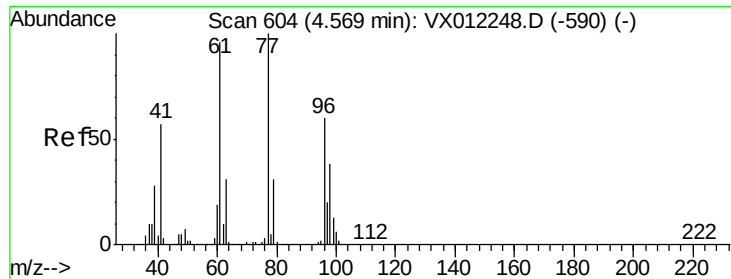
Delta R.T. 0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion:	43	Resp:	442974
Ion Ratio	Lower	Upper	
43	100		
72	25.3	20.2	30.2





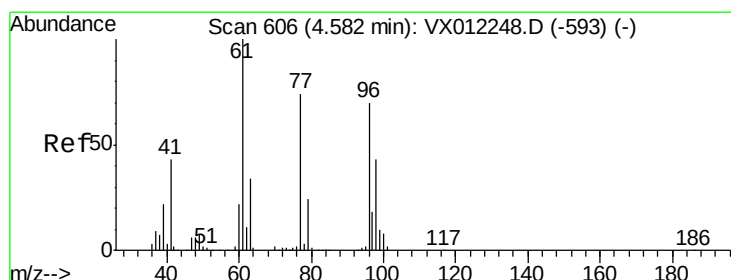
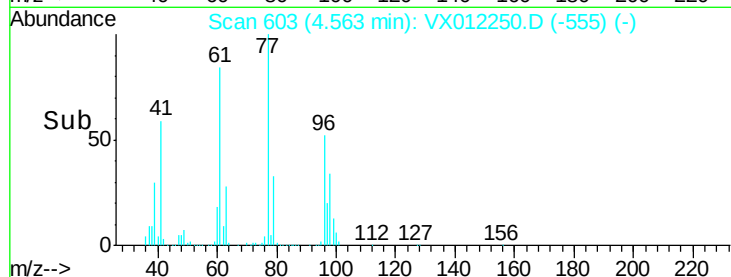
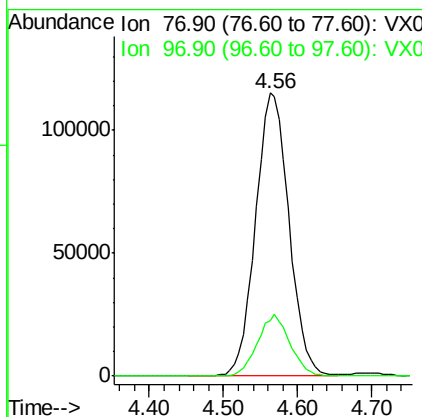
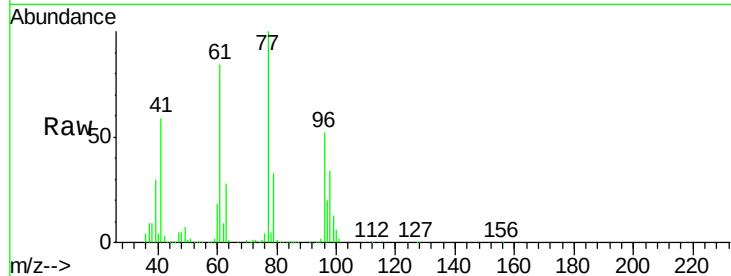
#26
 2,2-Dichloropropane
 Concen: 135.833 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion: 77 Resp: 361579
 Ion Ratio Lower Upper
 77 100
 97 21.1 10.7 32.1

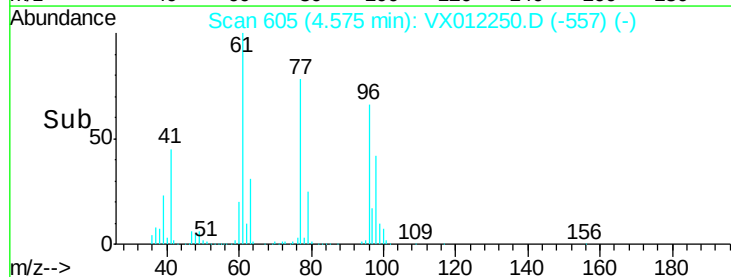
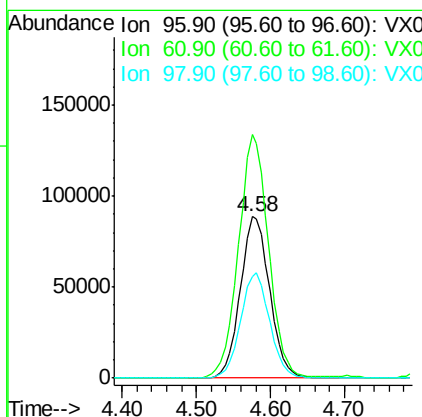
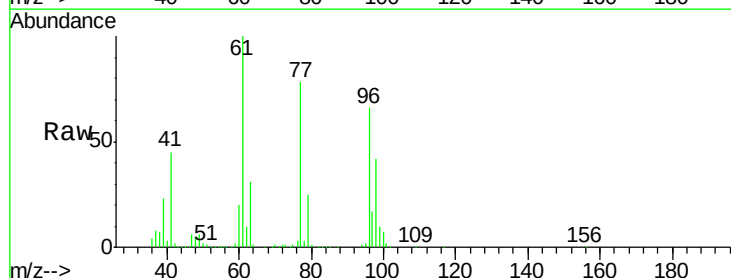
Manual Integrations
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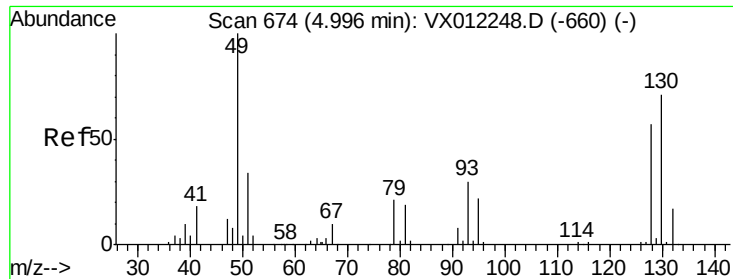
MMDadoda
 9/12/2019 9:00:37 AM



#27
 cis-1,2-Dichloroethene
 Concen: 138.011 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion: 96 Resp: 245973
 Ion Ratio Lower Upper
 96 100
 61 154.0 0.0 310.4
 98 64.5 0.0 128.8





#28

Bromochloromethane

Concen: 144.992 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 49 Resp: 190876

Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.2

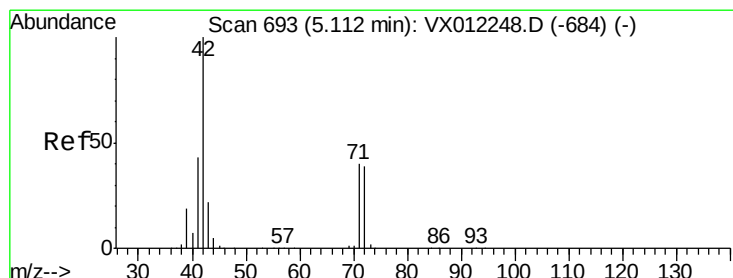
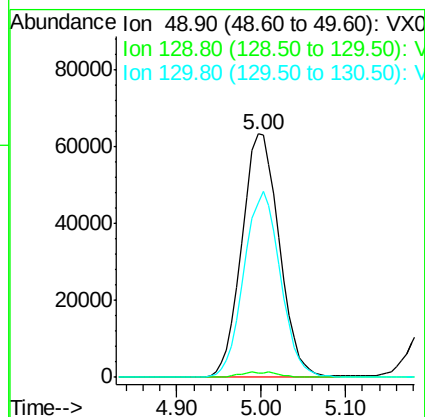
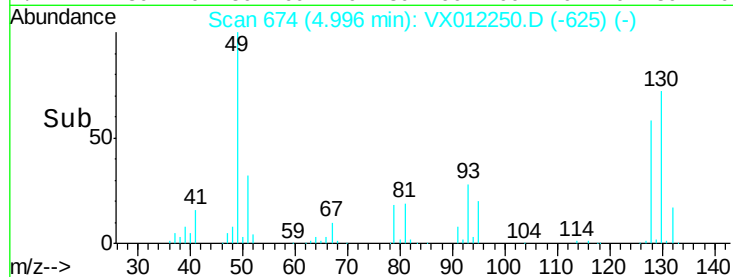
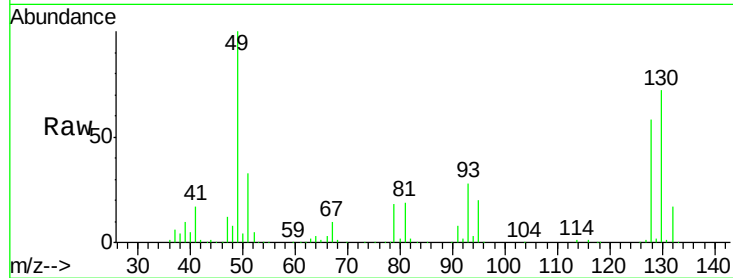
130 74.6 60.1 90.1

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#29

Tetrahydrofuran

Concen: 721.937 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

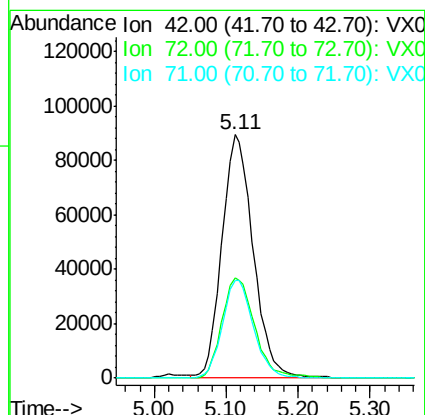
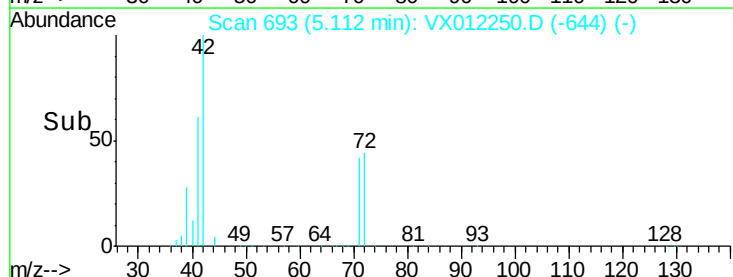
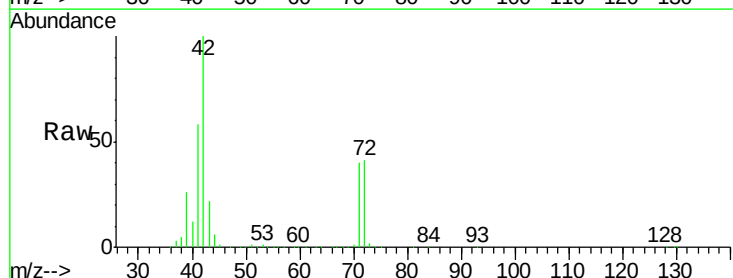
Tgt Ion: 42 Resp: 268127

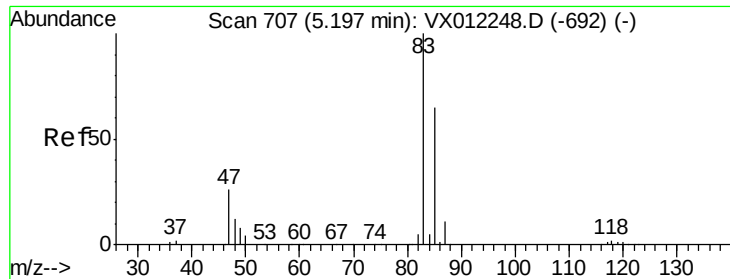
Ion Ratio Lower Upper

42 100

72 43.6 35.2 52.8

71 40.2 32.5 48.7





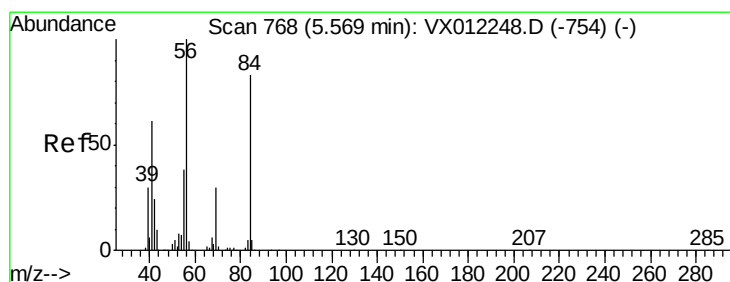
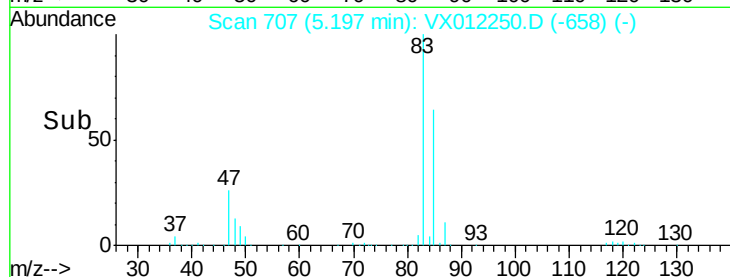
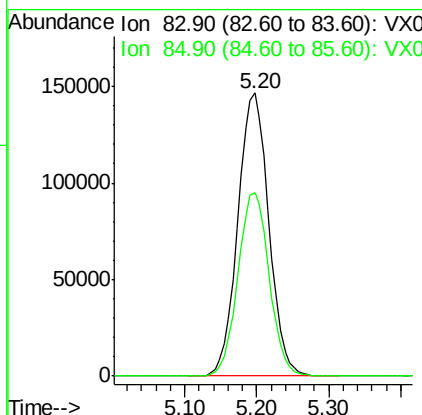
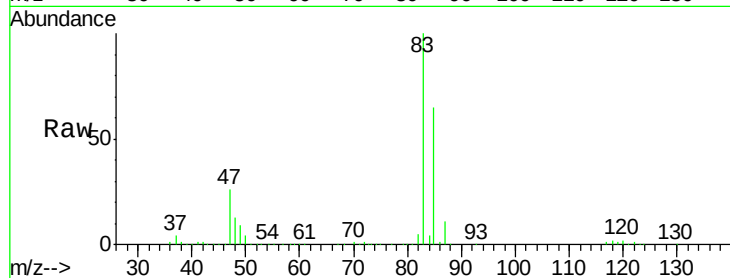
#30
Chloroform
Concen: 133.304 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	437793
Ion Ratio	100	Lower	Upper
85	64.7	52.3	78.5

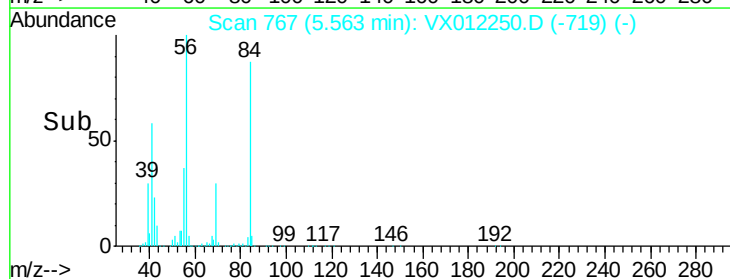
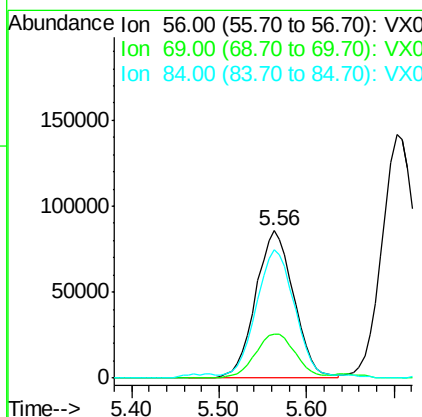
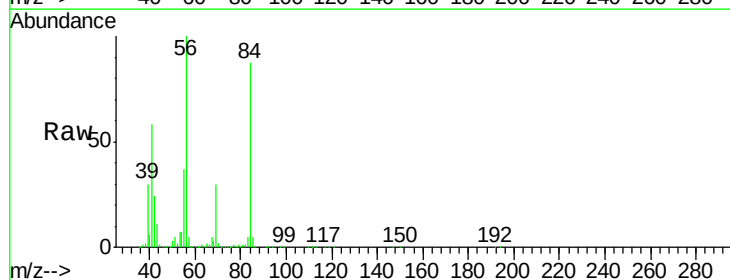
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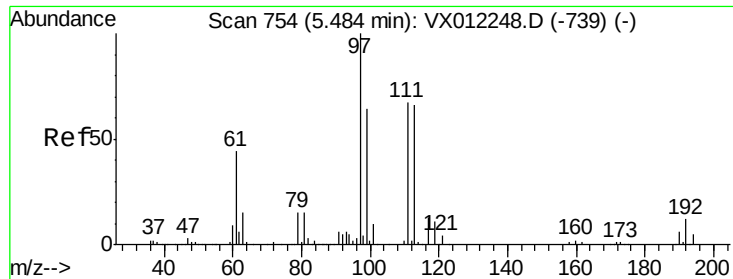
MMDadoda
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#31
Cyclohexane
Concen: 134.488 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	56	Resp	259610
Ion Ratio	100	Lower	Upper
69	29.6	23.8	35.6
84	84.9	66.6	100.0





#32

1,1,1-Trichloroethane

Concen: 138.236 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

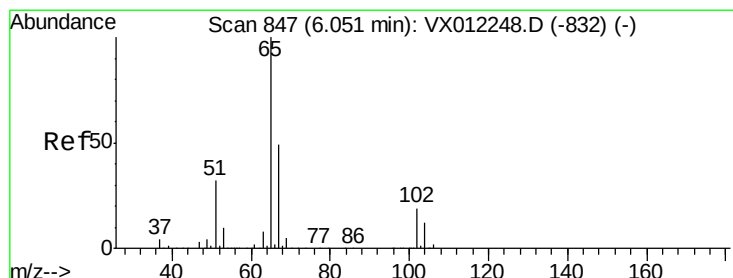
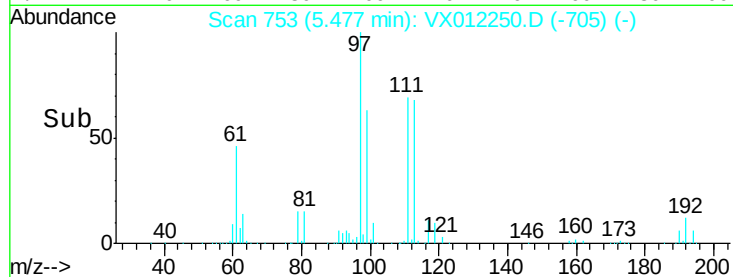
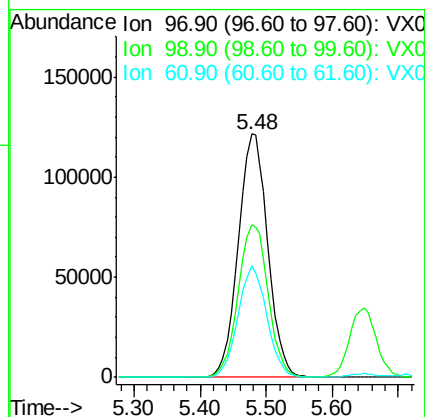
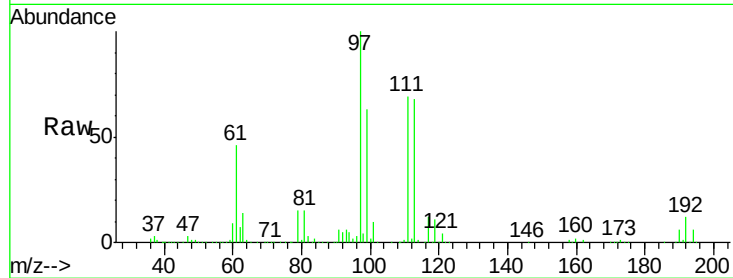
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	376013
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	44.8	35.4	53.0

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#33

1,2-Dichloroethane-d4

Concen: 145.404 ug/l

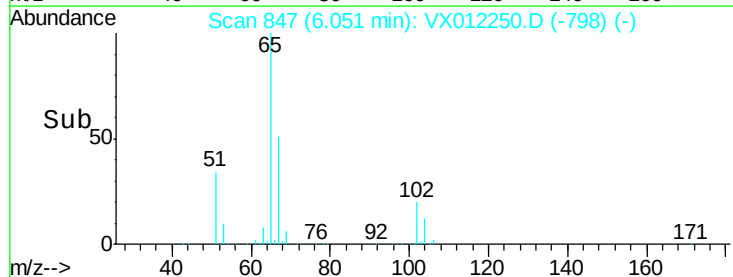
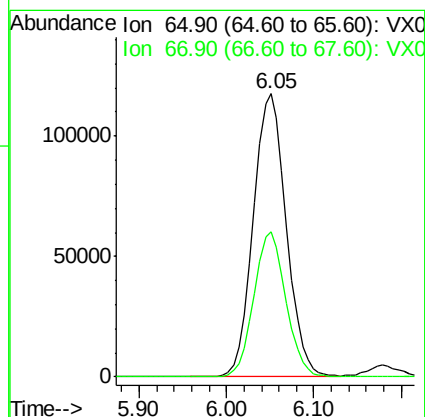
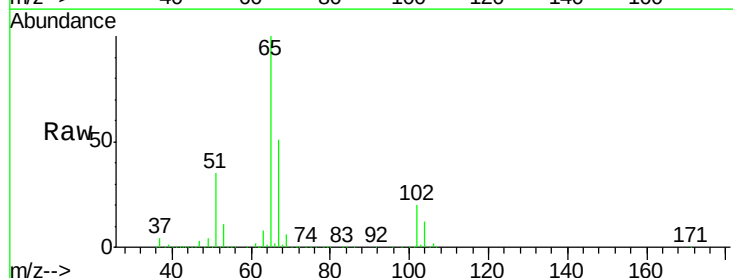
RT: 6.05 min Scan# 847

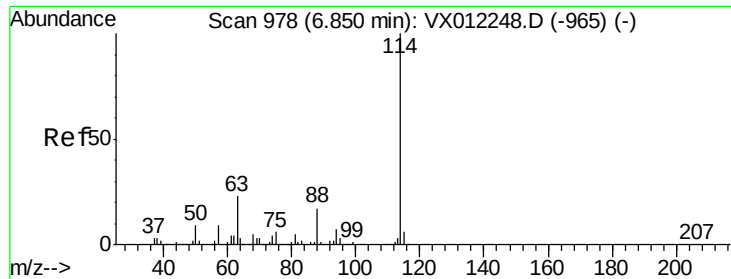
Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion:	65	Resp:	307301
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.8





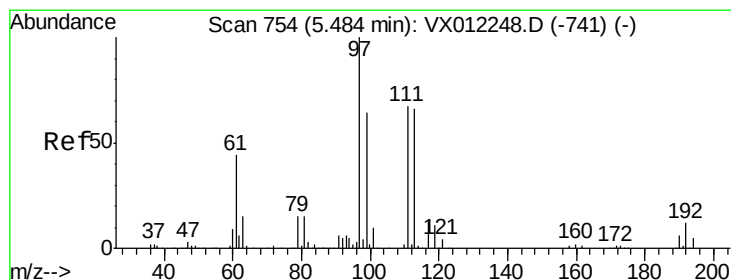
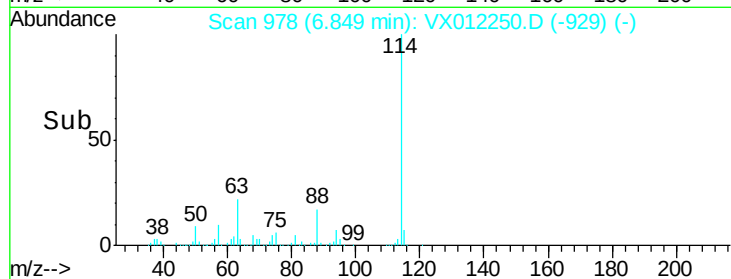
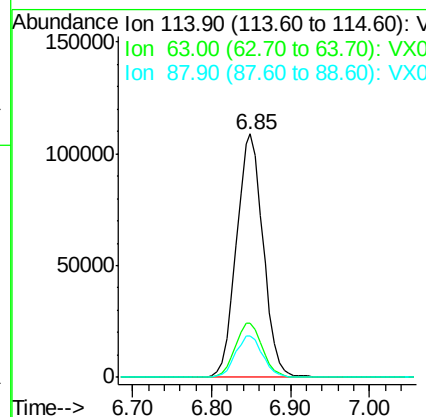
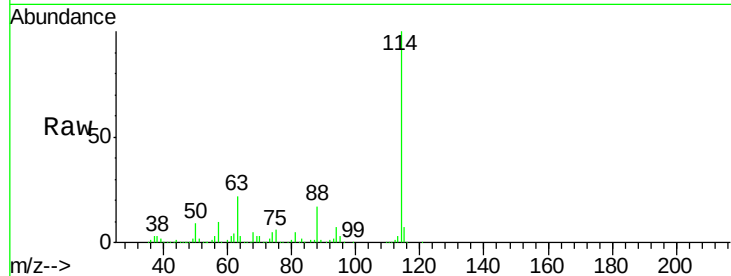
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.4	0.0	45.2
88	17.2	0.0	34.8

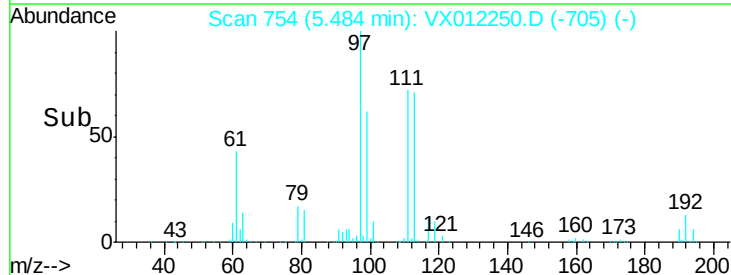
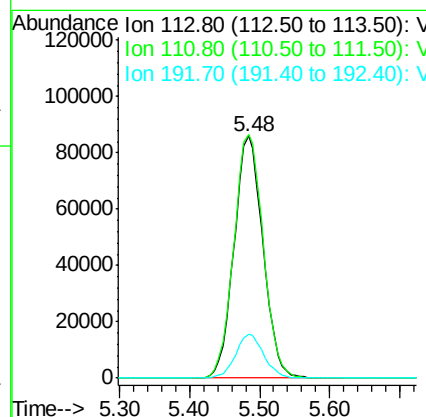
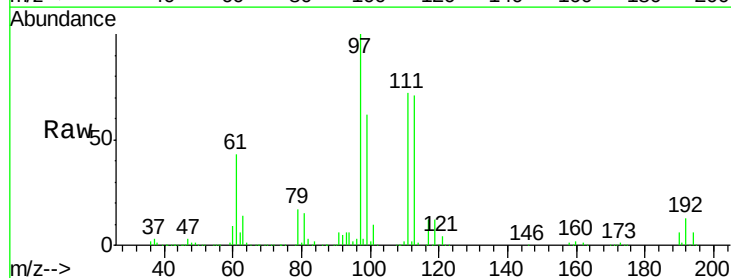
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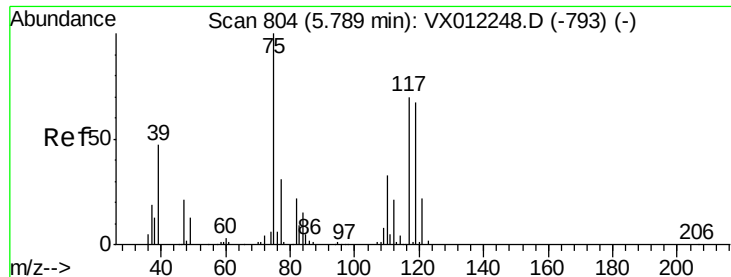
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#35
 Dibromofluoromethane
 Concen: 143.624 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.6	83.0	124.6
192	17.6	14.3	21.5





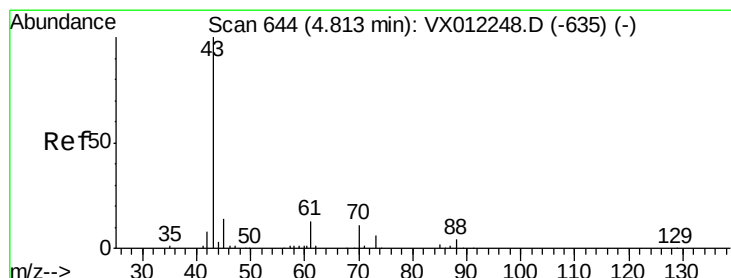
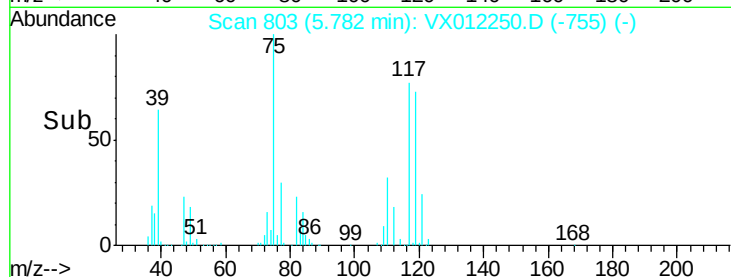
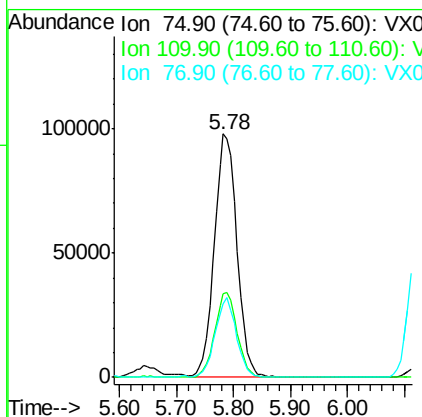
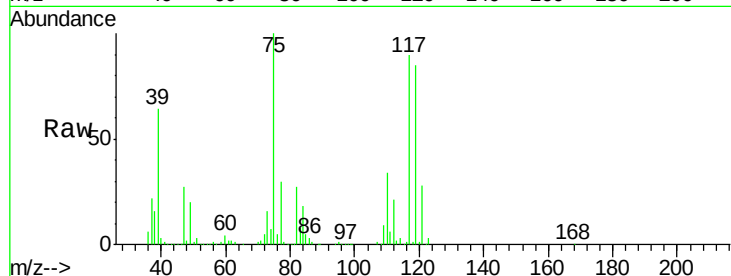
#36
 1,1-Dichloropropene
 Concen: 136.844 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	75	Resp:	269689
Ion Ratio	Lower	Upper	
75	100		
110	34.3	16.8	50.4
77	30.6	24.5	36.7

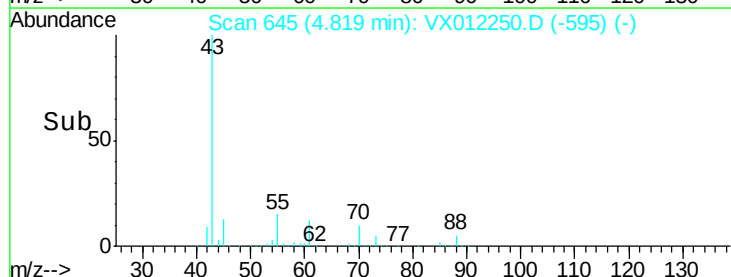
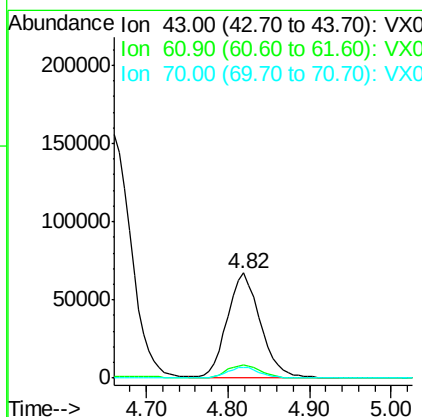
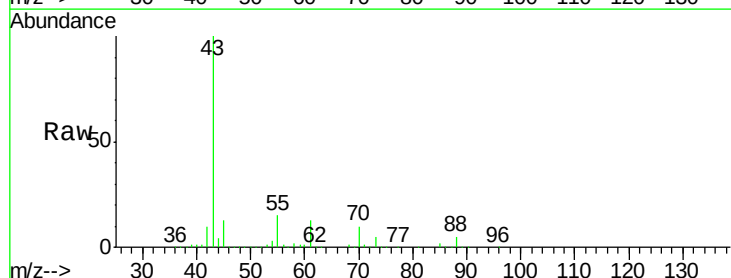
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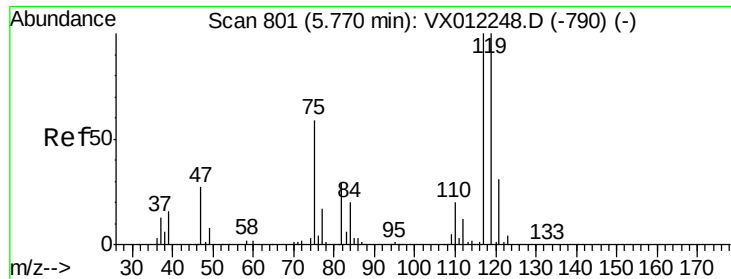
MMDadoda
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#37
 Ethyl Acetate
 Concen: 143.883 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion:	43	Resp:	187295
Ion Ratio	Lower	Upper	
43	100		
61	13.0	10.3	15.5
70	10.8	9.1	13.7





#38

Carbon Tetrachloride

Concen: 139.453 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

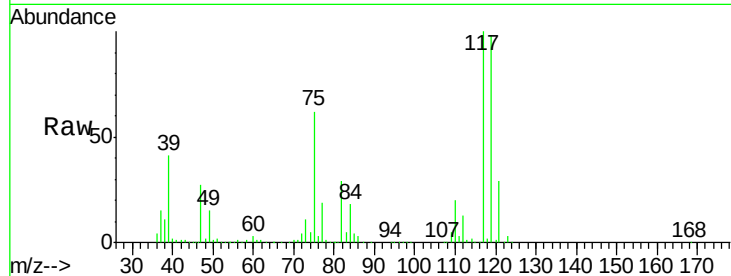
ClientSampleId :

VSTDIC150

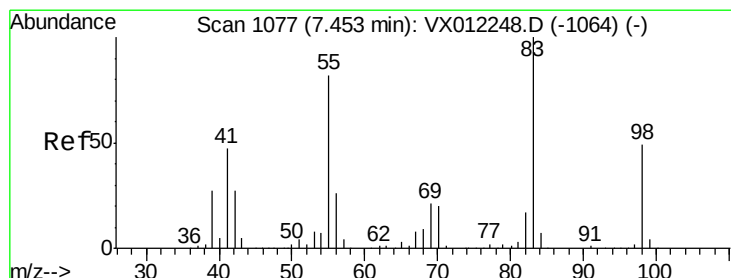
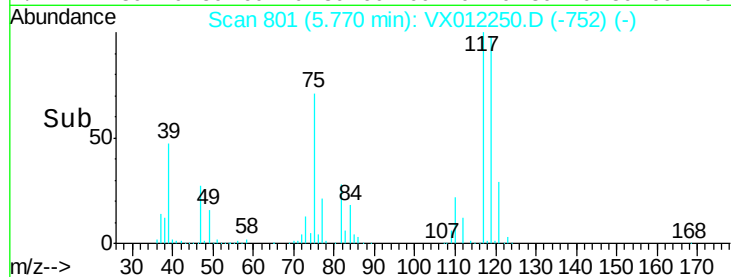
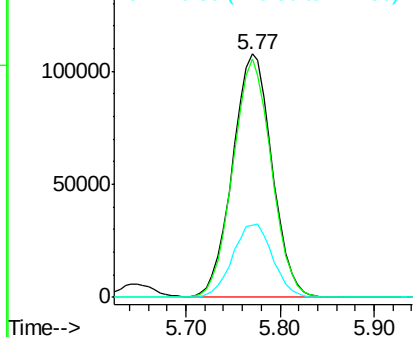
Tot Ion:	117	Resp:	314757
Ion Ratio	Lower	Upper	
117	100		
119	98.0	79.6	119.4
121	29.4	24.7	37.1

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Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 139.048 ug/l

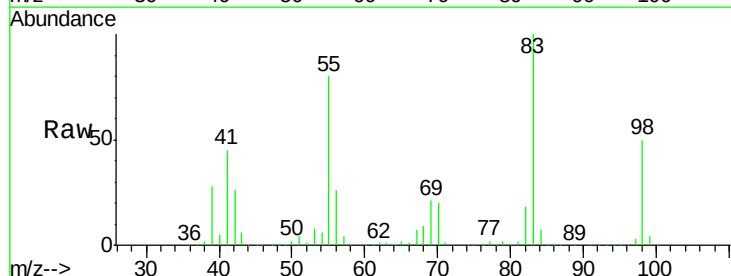
RT: 7.45 min Scan# 1077

Delta R.T. -0.00 min

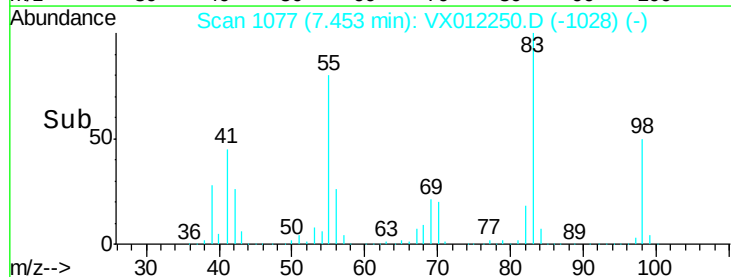
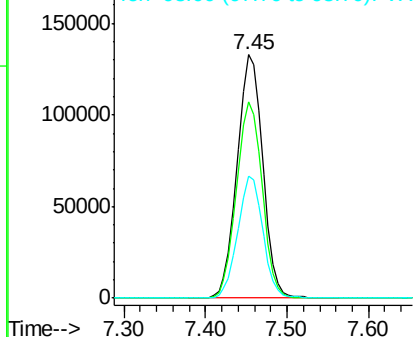
Lab File: VX012250.D

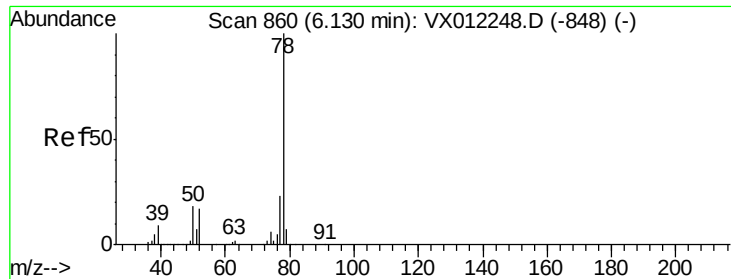
Acq: 10 Sep 2019 11:22

Tgt Ion:	83	Resp:	288357
Ion Ratio	Lower	Upper	
83	100		
55	80.5	65.4	98.2
98	50.0	39.6	59.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 138.002 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 78 Resp: 825156

Ion Ratio Lower Upper

78 100

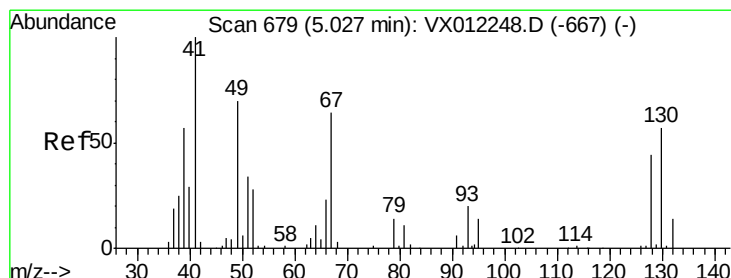
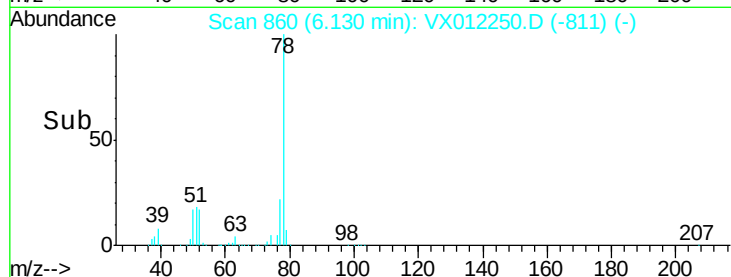
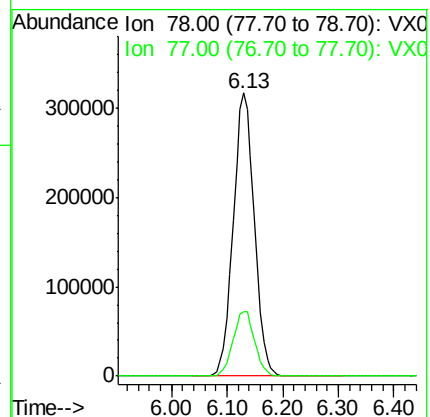
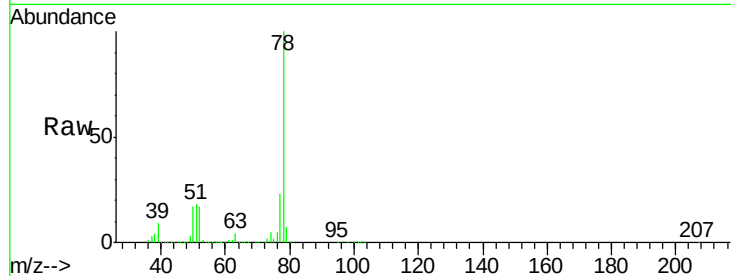
77 22.7 18.0 27.0

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#41

Methacrylonitrile

Concen: 142.546 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion: 41 Resp: 114533

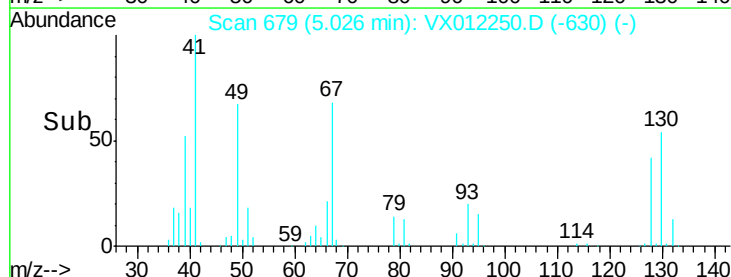
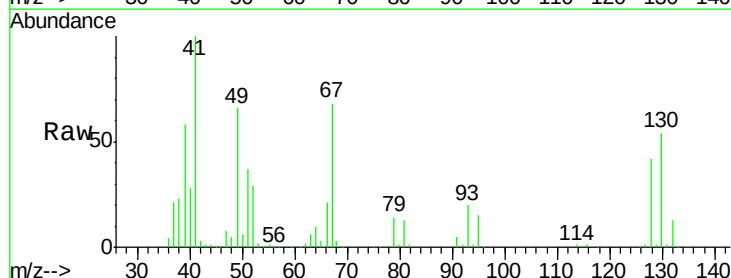
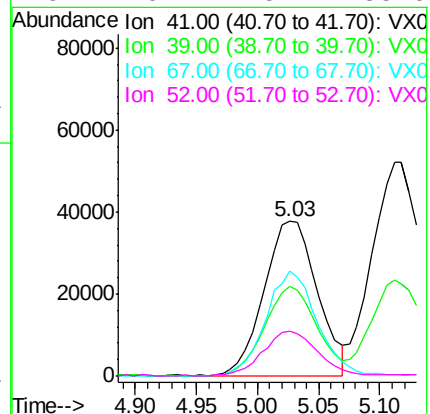
Ion Ratio Lower Upper

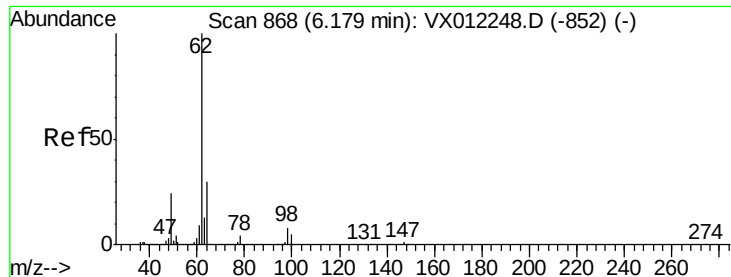
41 100

39 56.4 49.0 73.4

67 65.8 55.0 82.4

52 29.4 25.4 38.0





#42

1,2-Dichloroethane

Concen: 135.216 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 62 Resp: 326720

Ion Ratio Lower Upper

62 100

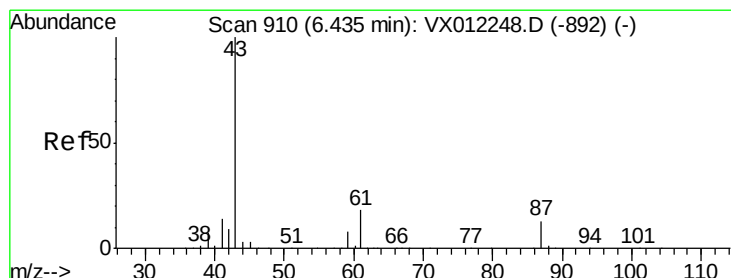
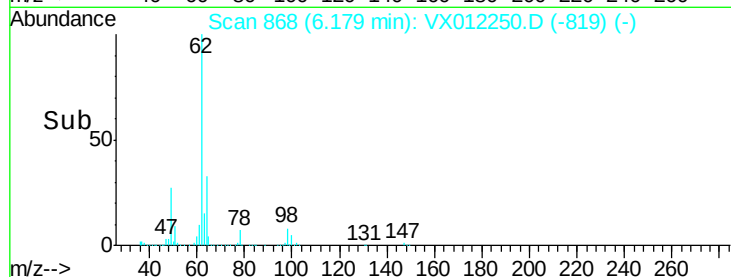
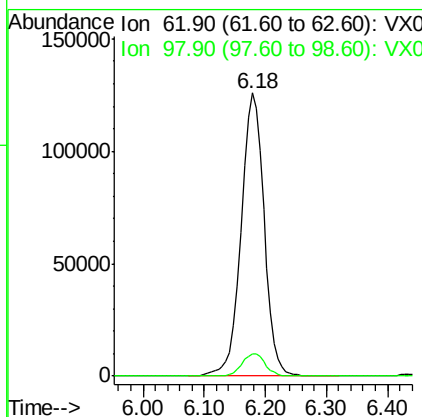
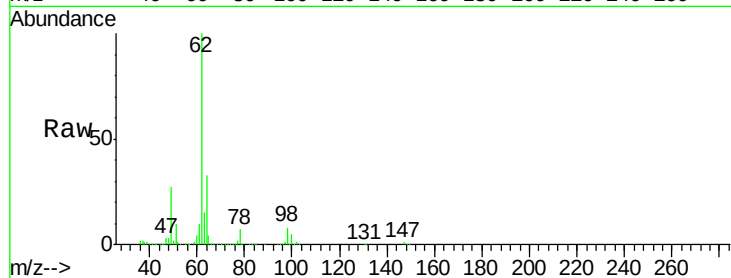
98 8.2 0.0 17.2

Manual Integrations

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9/12/2019 9:00:37 AM



#43

Isopropyl Acetate

Concen: 142.722 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

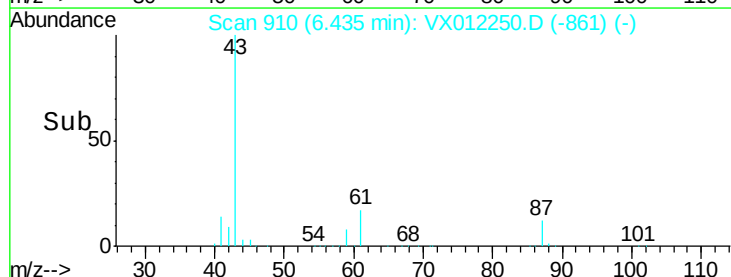
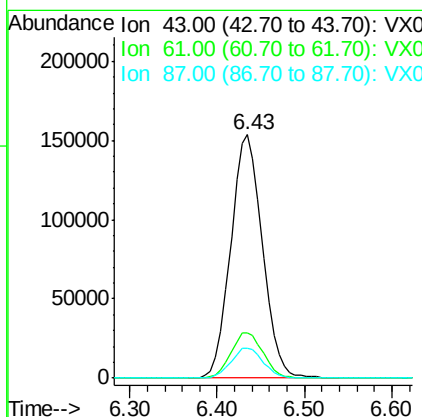
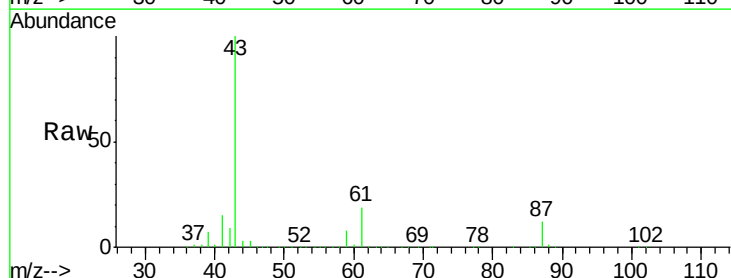
Tgt Ion: 43 Resp: 384637

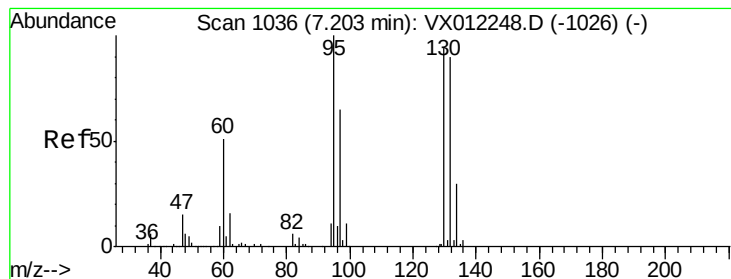
Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.2

87 12.5 10.5 15.7





#44

Trichloroethene

Concen: 136.670 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 220386

Ion Ratio Lower Upper

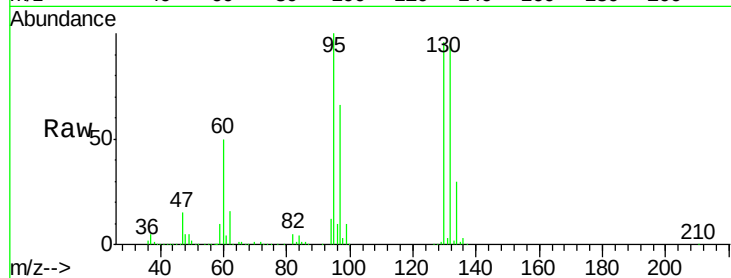
130 100

95 103.9 0.0 212.0

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

120000

100000

80000

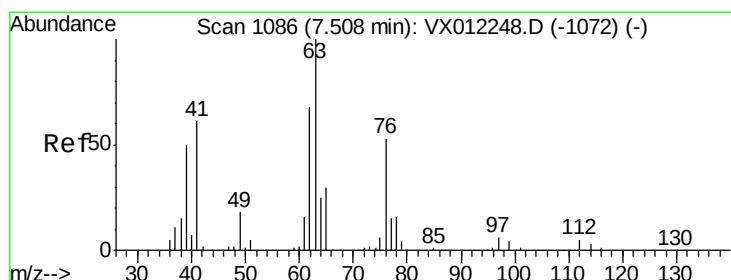
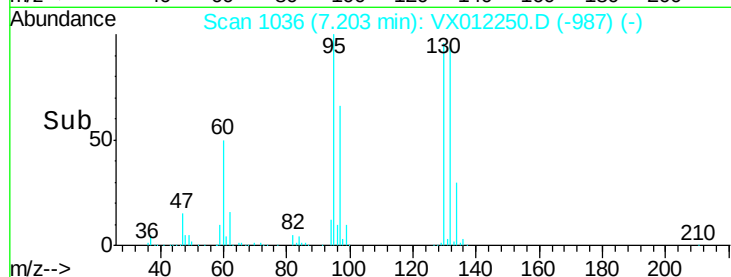
60000

40000

20000

0

Time-->



#45

1,2-Dichloropropane

Concen: 137.553 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012250.D

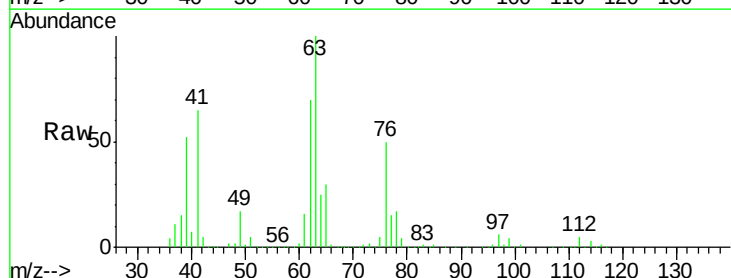
Acq: 10 Sep 2019 11:22

Tgt Ion: 63 Resp: 232150

Ion Ratio Lower Upper

63 100

65 30.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

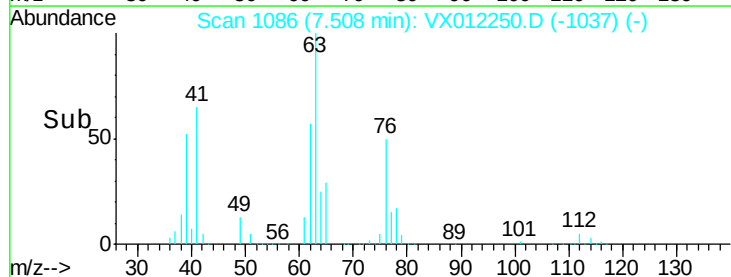
60000

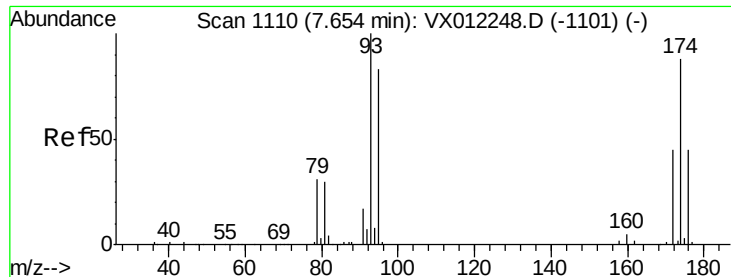
40000

20000

0

Time-->





#46

Dibromomethane

Concen: 137.534 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

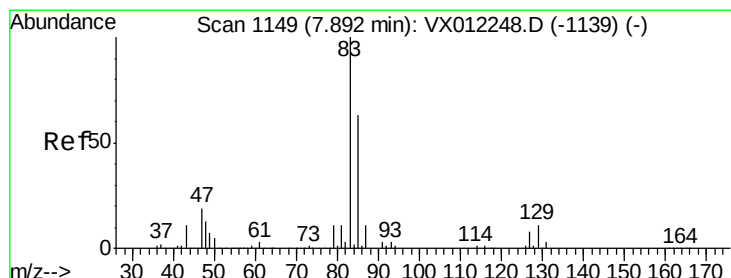
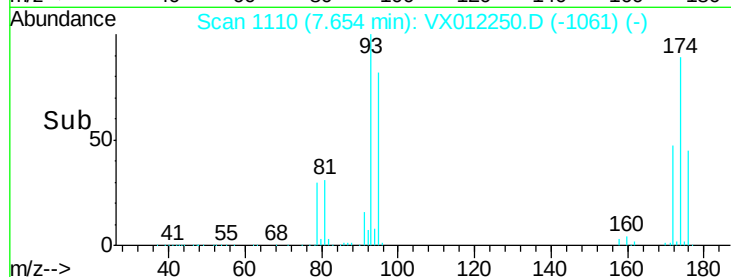
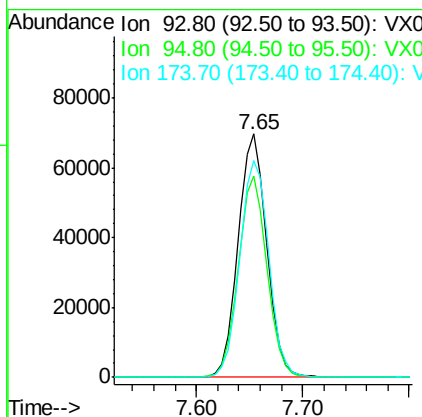
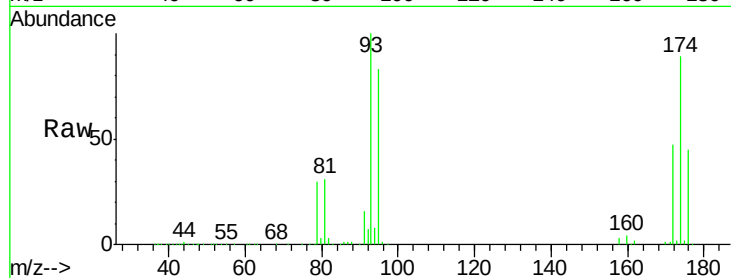
ClientSampleId :

VSTDIC150

Tot Ion:	93	Resp:	132016
Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.7	98.5
174	90.6	71.0	106.4

Manual Integrations
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9/12/2019 9:00:37 AM



#47

Bromodichloromethane

Concen: 140.106 ug/l

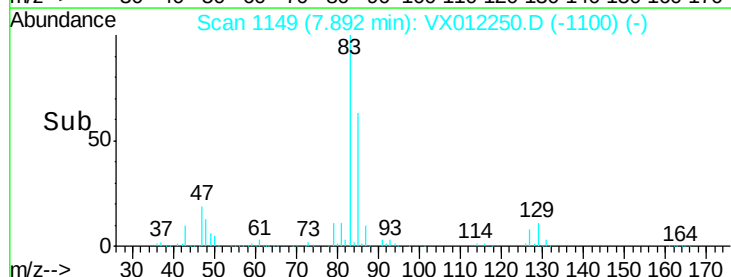
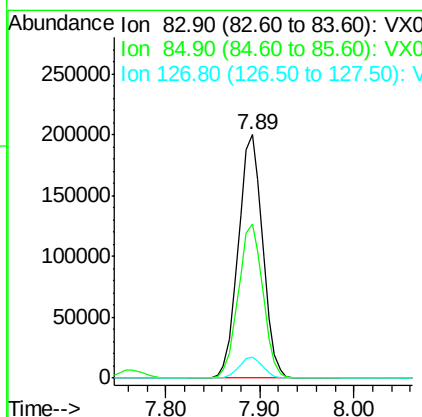
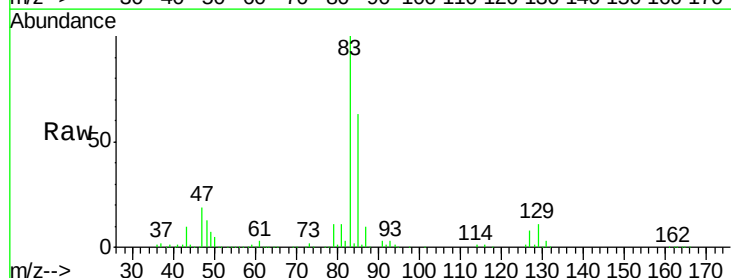
RT: 7.89 min Scan# 1149

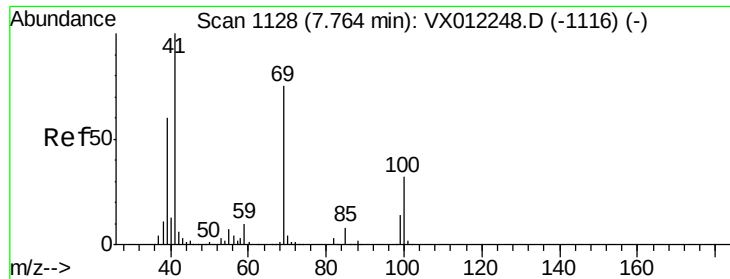
Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion:	83	Resp:	359949
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.2	75.4
127	8.3	6.3	9.5





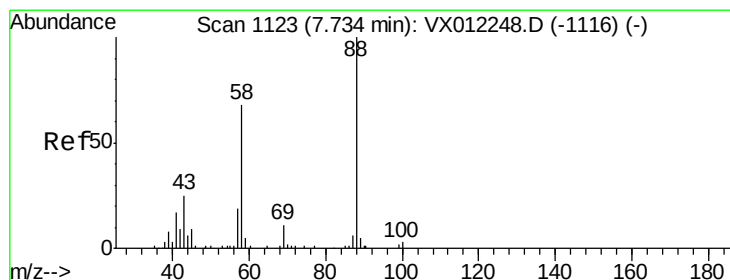
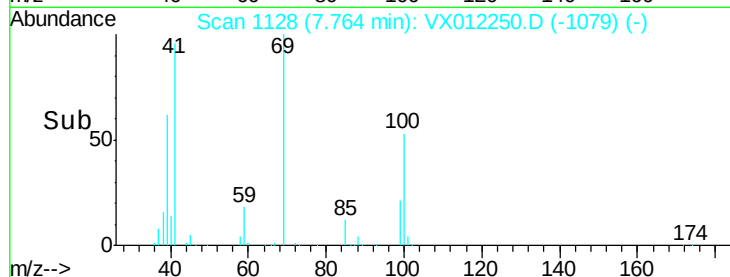
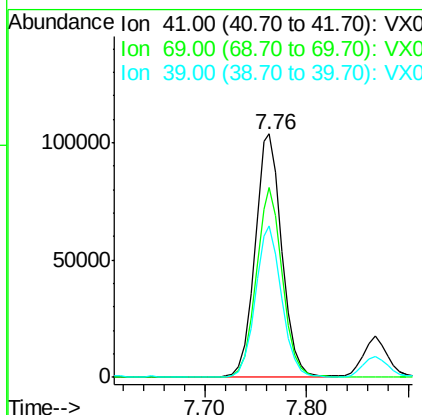
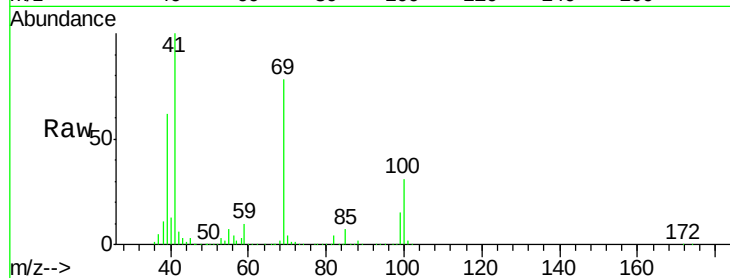
#48
Methvl methacrylate
Concen: 145.766 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100	188777		
69	75.9		61.8	92.6
39	61.1		48.6	73.0

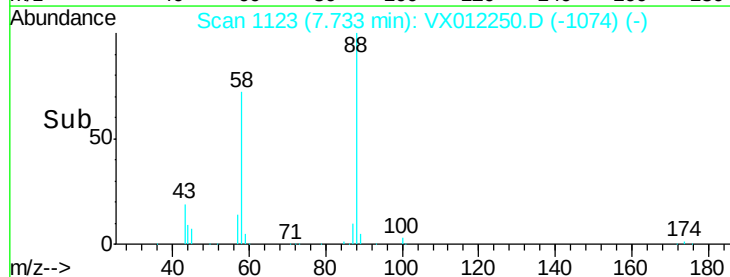
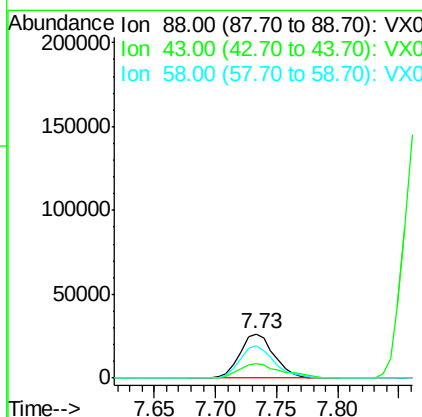
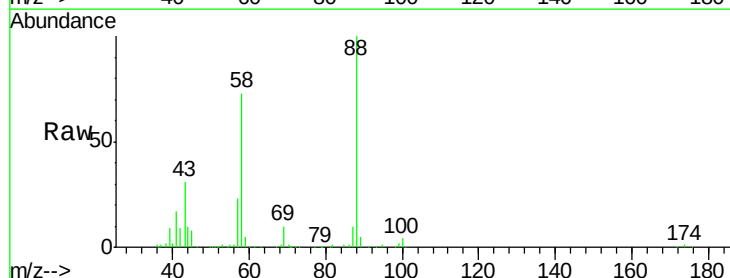
Manual Integrations
APPROVED

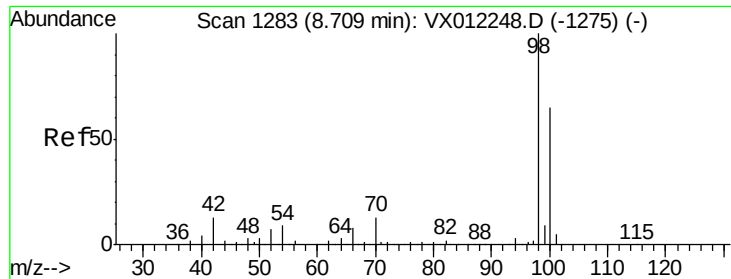
MMDadoda
9/12/2019 9:00:37 AM



#49
1,4-Dioxane
Concen: 2835.324 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	51537		
43	38.4		31.0	46.4
58	73.7		61.5	92.3





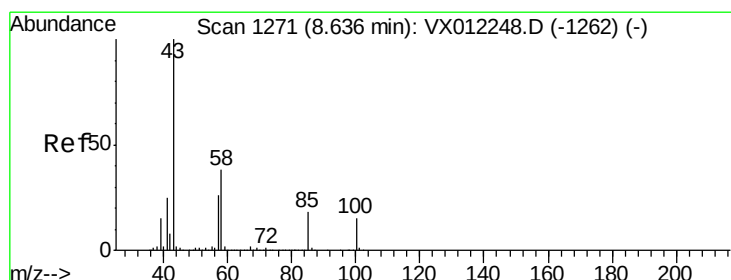
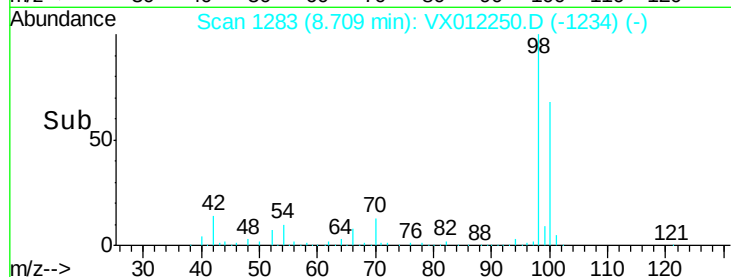
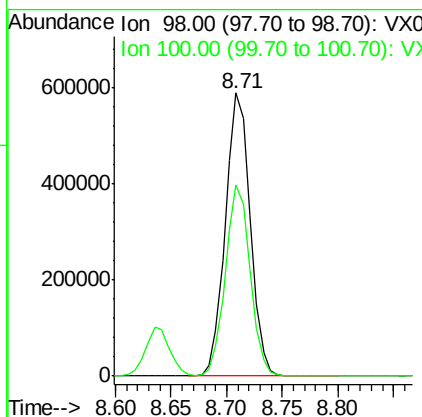
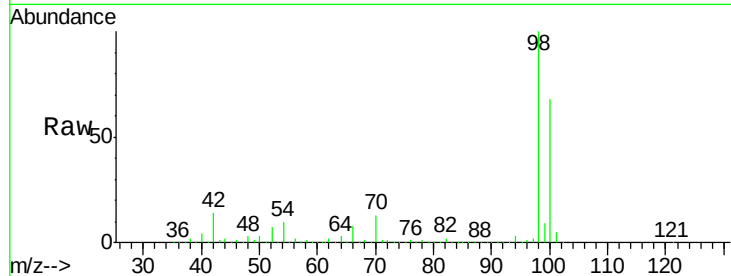
#50
Toluene-d8
Concen: 151.276 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 908247
Ion Ratio Lower Upper
98 100
100 67.0 54.1 81.1

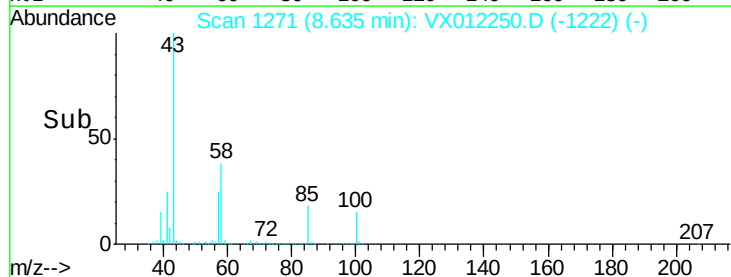
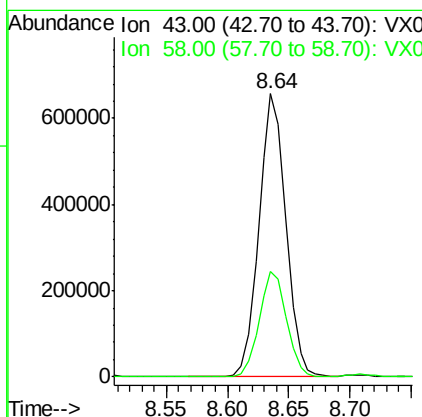
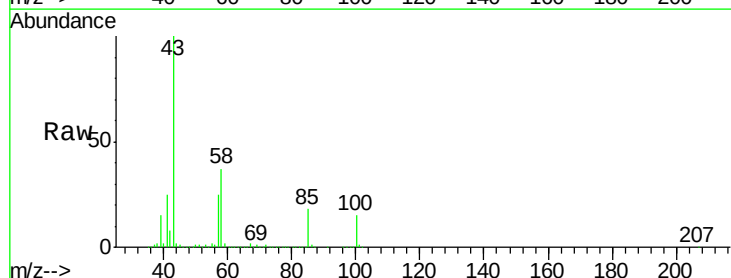
Manual Integrations
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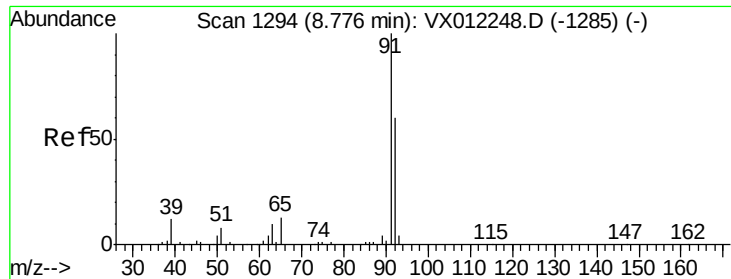
MMDadoda
9/12/2019 9:00:37 AM



#51
4-Methyl-2-Pentanone
Concen: 722.021 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 43 Resp: 1012410
Ion Ratio Lower Upper
43 100
58 37.6 30.1 45.1





#52

Toluene

Concen: 136.685 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 92 Resp: 542829

Ion Ratio Lower Upper

92 100

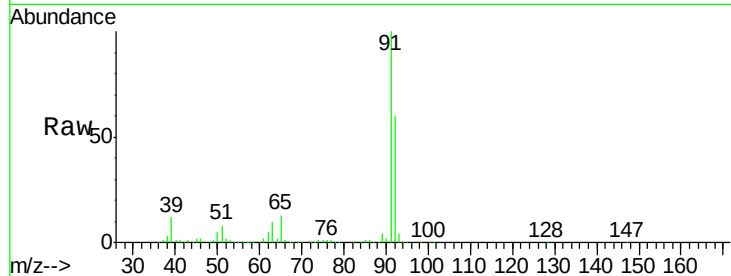
91 168.5 133.6 200.4

Manual Integrations

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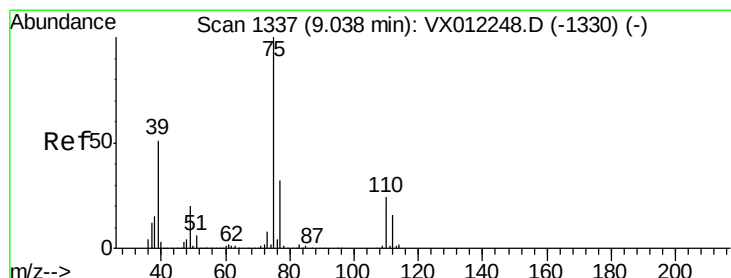
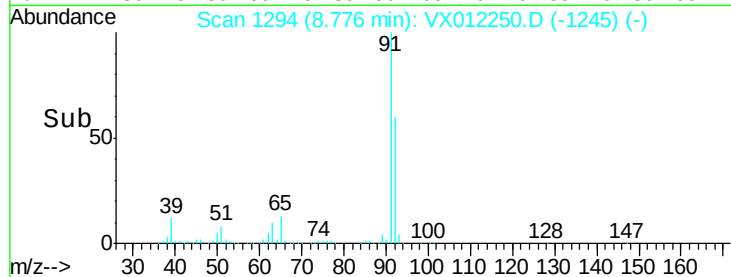
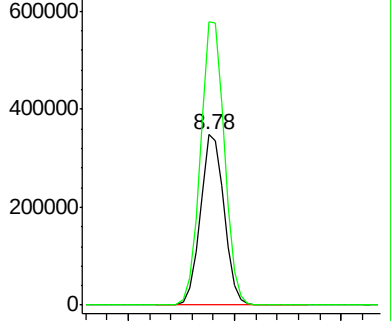
MMDadoda

9/12/2019 9:00:37 AM



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 143.430 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012250.D

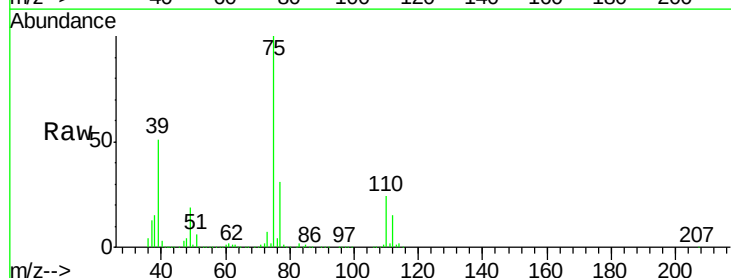
Acq: 10 Sep 2019 11:22

Tgt Ion: 75 Resp: 367376

Ion Ratio Lower Upper

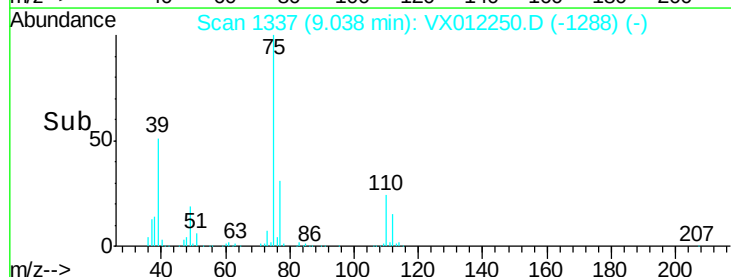
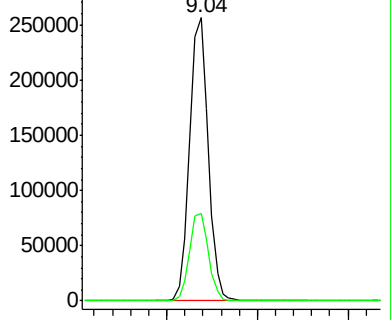
75 100

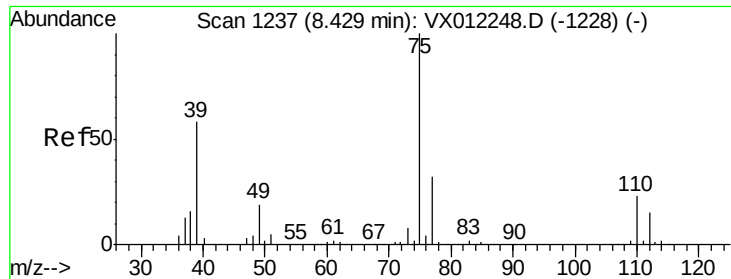
77 31.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





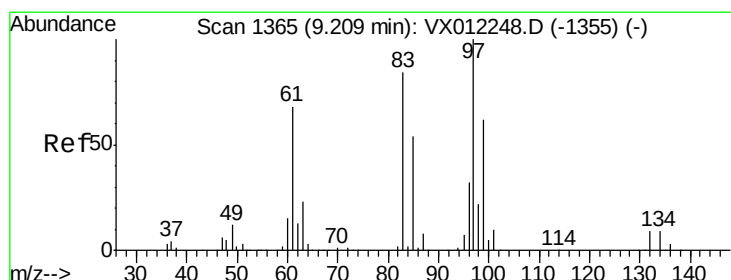
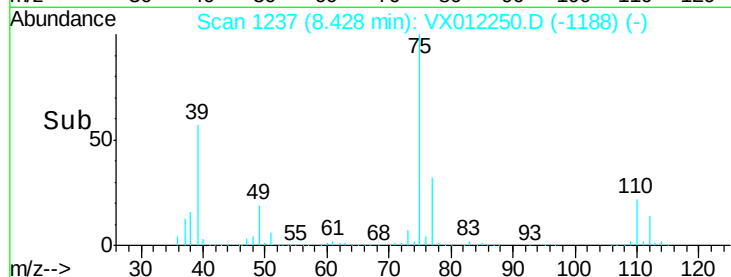
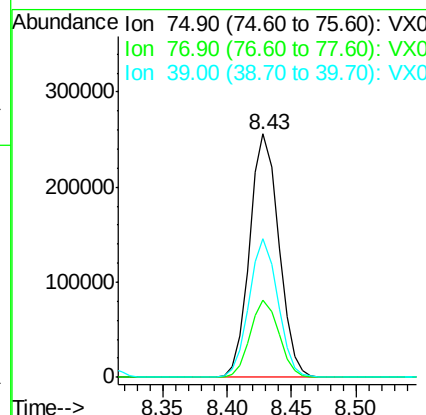
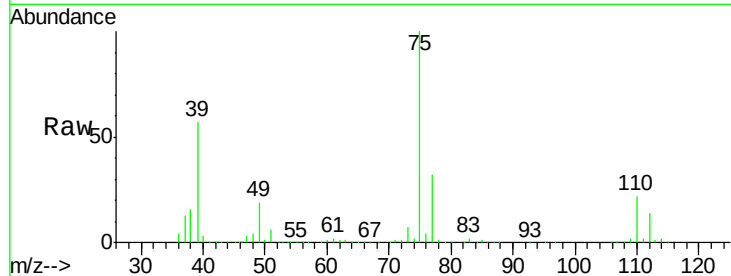
#54
 cis-1,3-Dichloropropene
 Concen: 142.889 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
75	100		
77	31.6	25.4	38.2
39	56.7	46.5	69.7

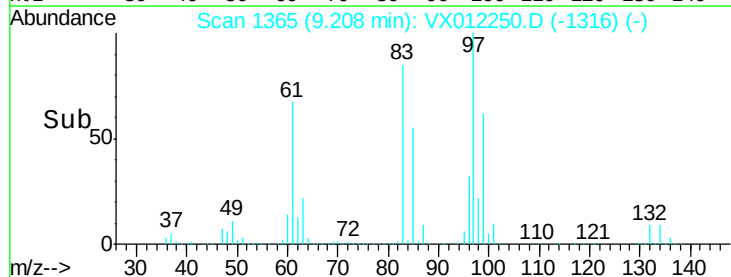
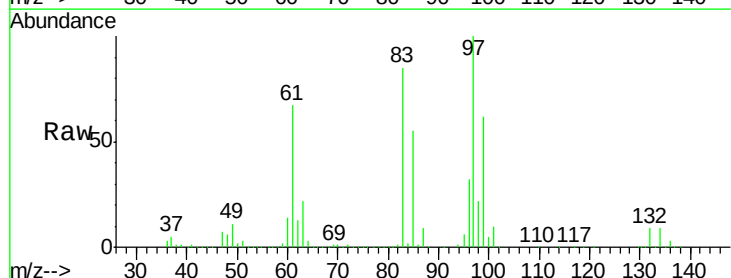
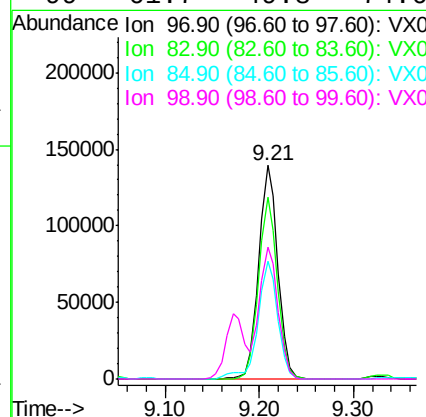
Manual Integrations
 APPROVED

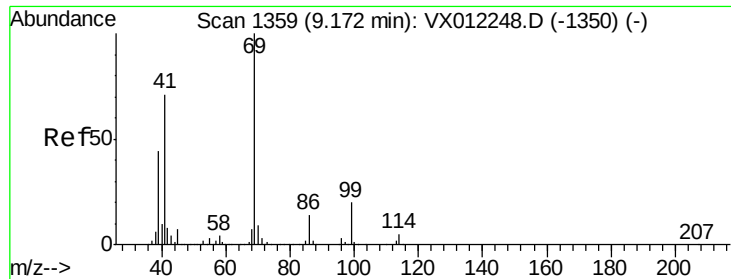
MMDadoda
 9/12/2019 9:00:37 AM



#55
 1,1,2-Trichloroethane
 Concen: 137.913 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Resp Lower	Upper
97	100		
83	84.9	67.4	101.2
85	55.2	43.4	65.2
99	61.7	49.8	74.6





#56

Ethyl methacrylate

Concen: 143.185 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

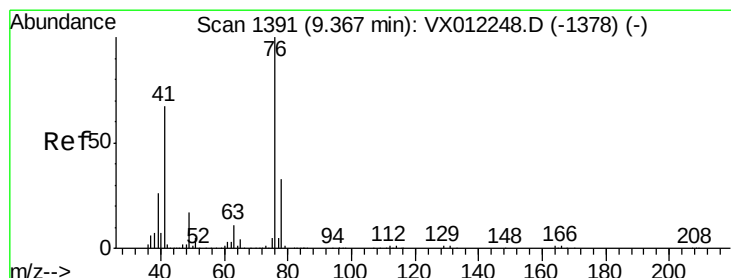
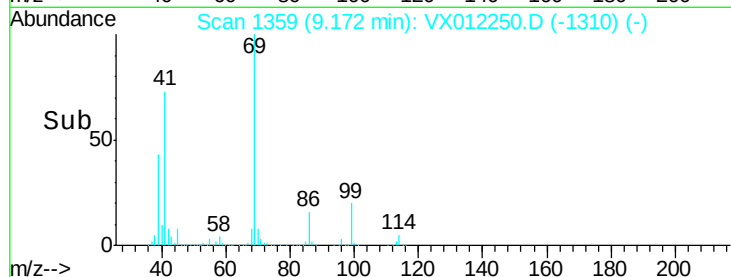
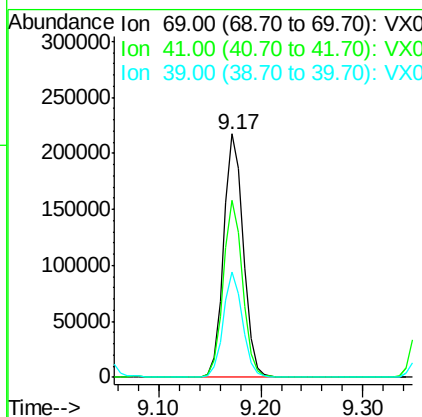
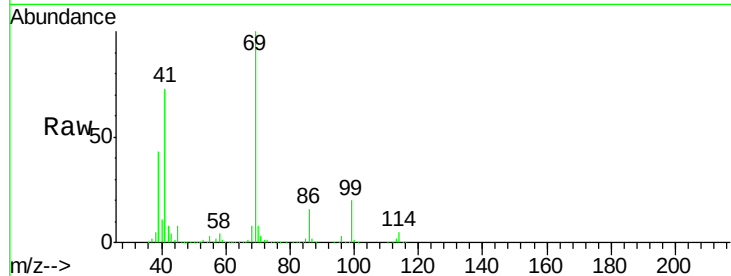
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	291617
Ion Ratio	Lower	Upper	
69	100		
41	71.5	57.7	86.5
39	42.0	34.0	51.0

Manual Integrations
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MMDadoda
9/12/2019 9:00:37 AM



#57

1,3-Dichloropropane

Concen: 137.084 ug/l

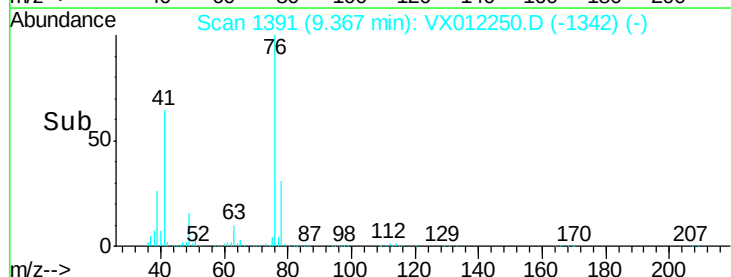
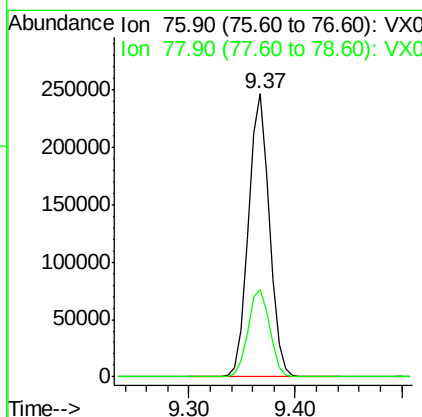
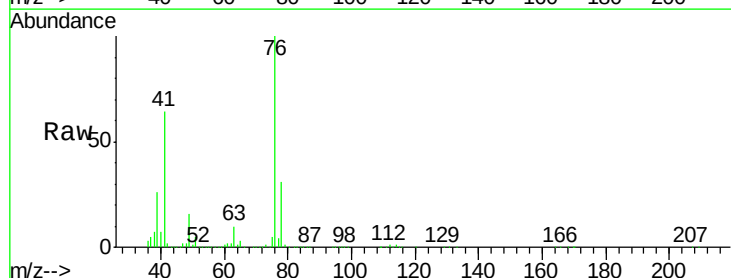
RT: 9.37 min Scan# 1391

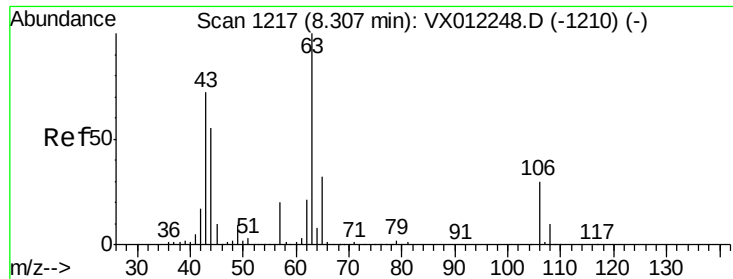
Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion:	76	Resp:	341366
Ion Ratio	Lower	Upper	
76	100		
78	32.1	26.0	39.0





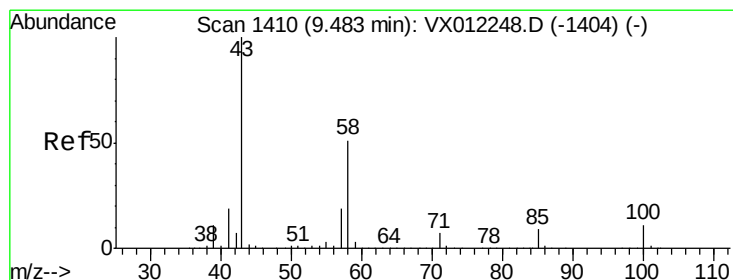
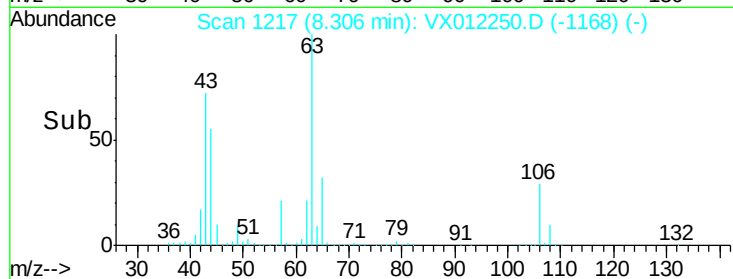
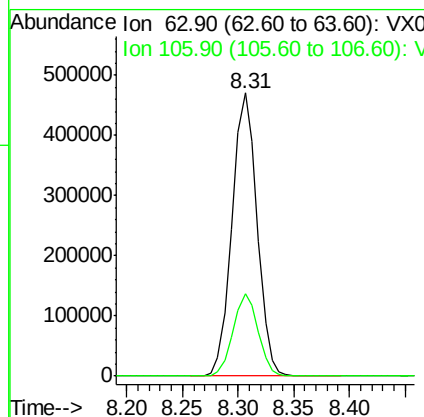
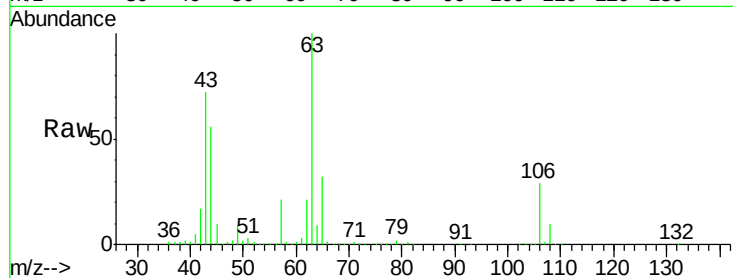
#58
2-Chloroethyl Vinyl ether
Concen: 756.180 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.4	35.2

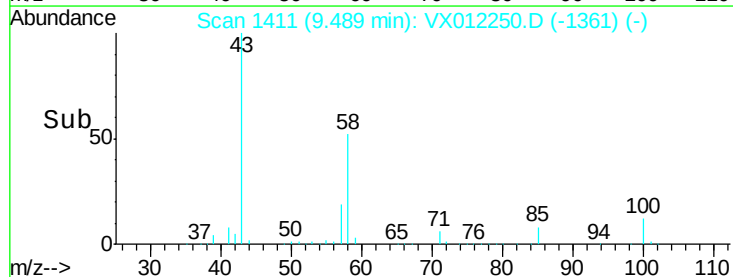
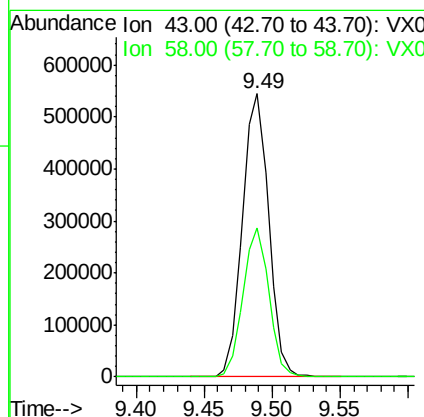
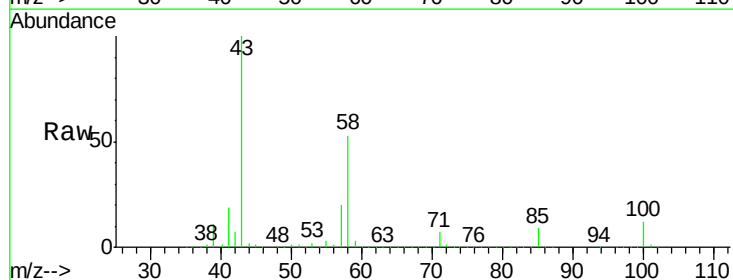
Manual Integrations
APPROVED

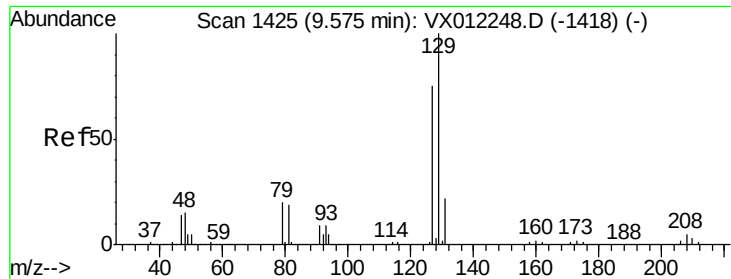
MMDadoda
9/12/2019 9:00:37 AM



#59
2-Hexanone
Concen: 740.180 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.0	25.8	77.3





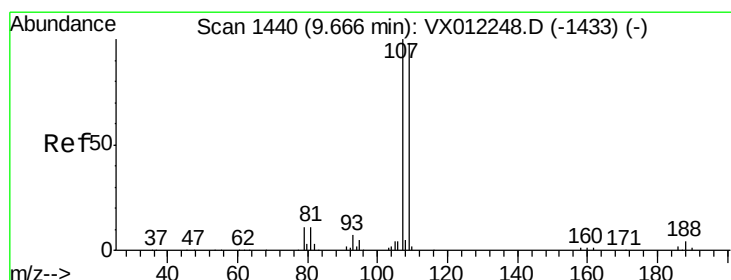
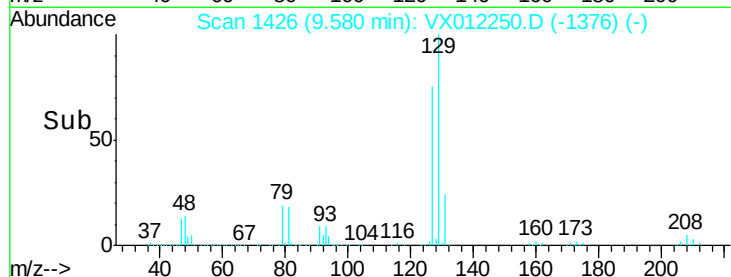
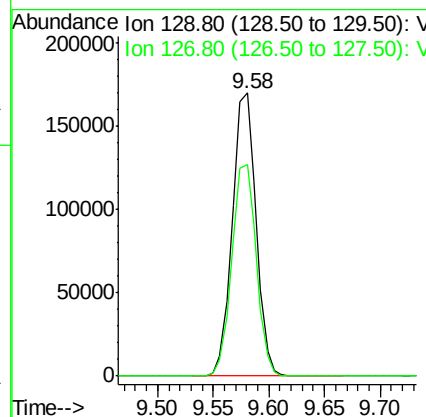
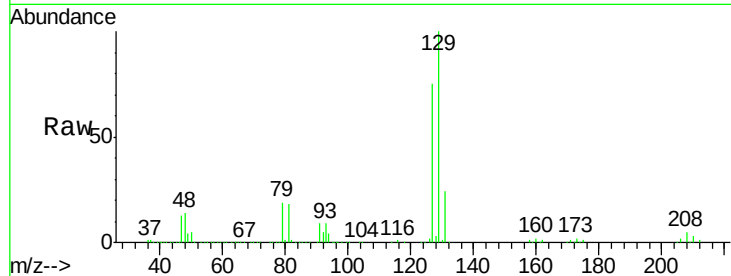
#60
 Dibromochloromethane
 Concen: 145.061 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.1	114.3

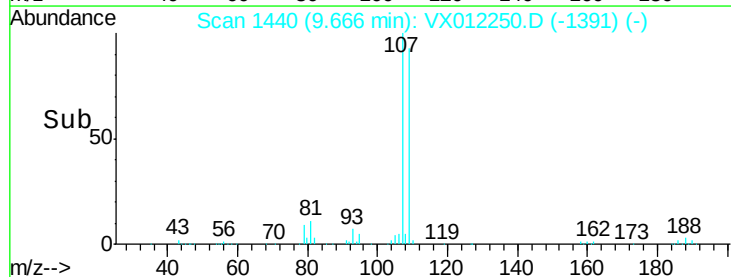
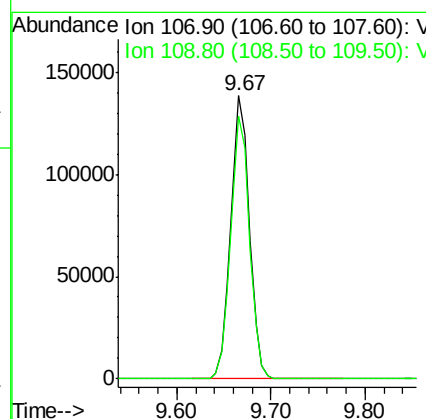
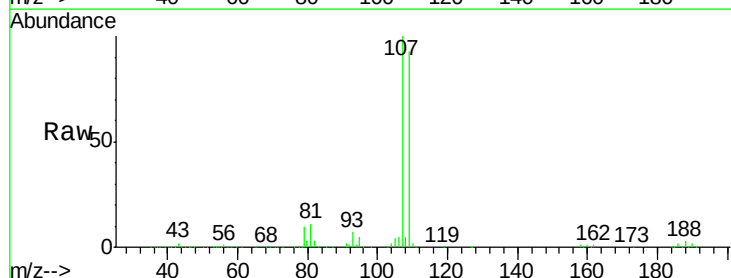
Manual Integrations
 APPROVED

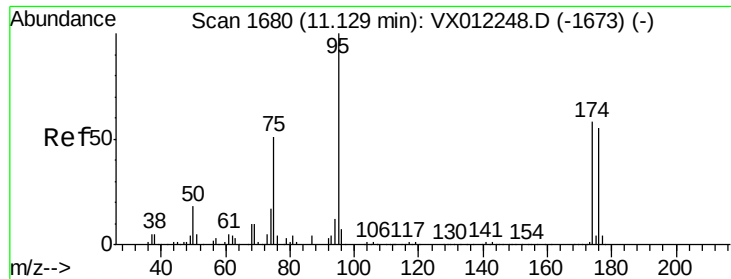
MMDadoda
 9/12/2019 9:00:37 AM



#61
 1,2-Dibromoethane
 Concen: 140.592 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.3	114.5





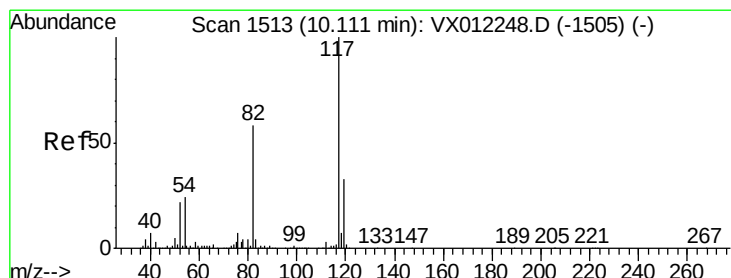
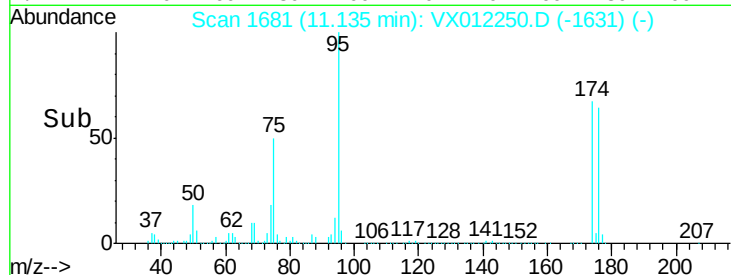
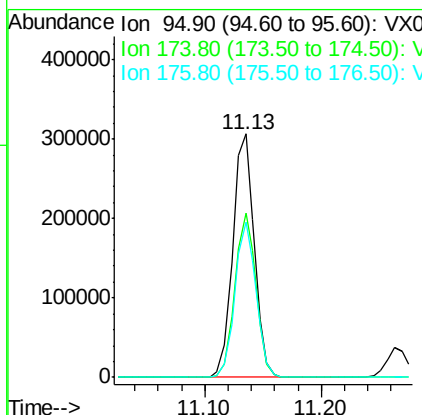
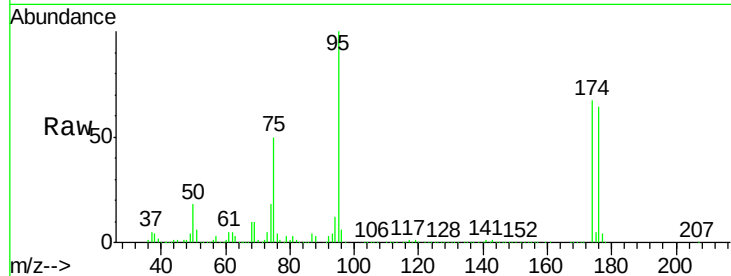
#62
4-Bromofluorobenzene
Concen: 141.222 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
95	100	393551		
174	66.4	0.0	127.0	
176	62.8	0.0	125.8	

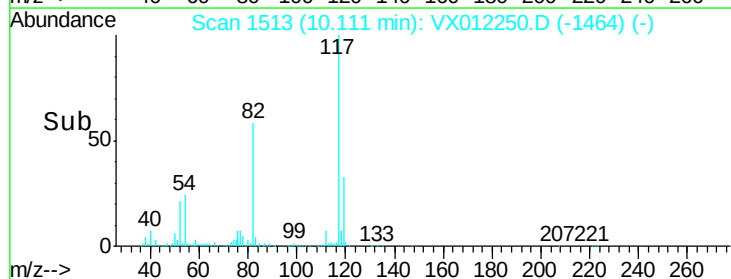
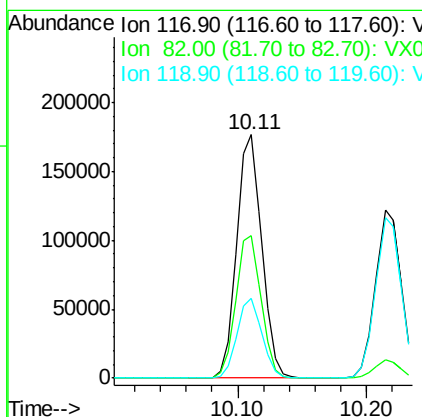
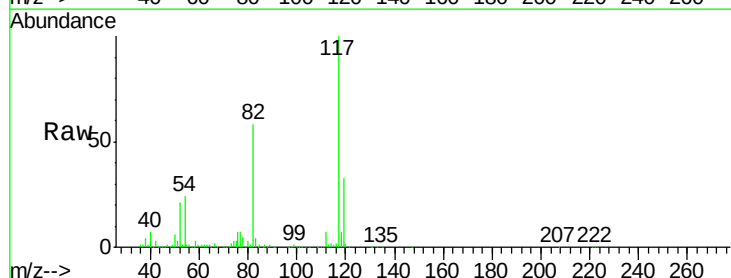
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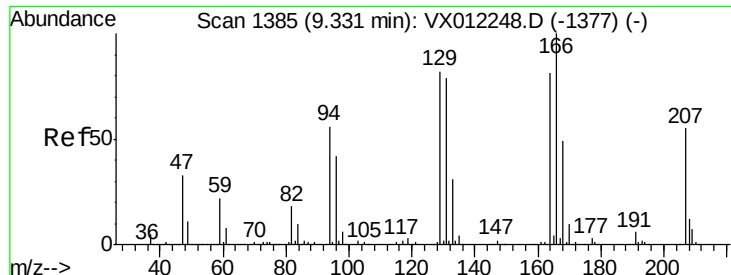
MMDadoda
9/12/2019 9:00:37 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	238307		
82	58.4	46.4	69.6	
119	32.6	26.6	39.8	





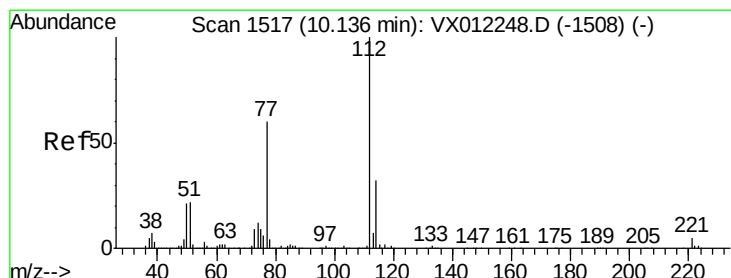
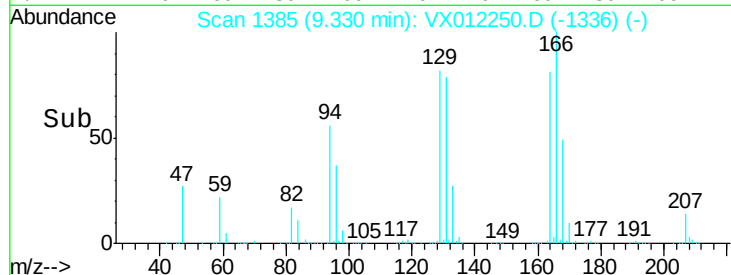
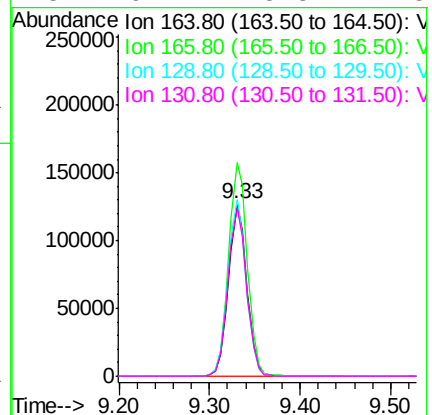
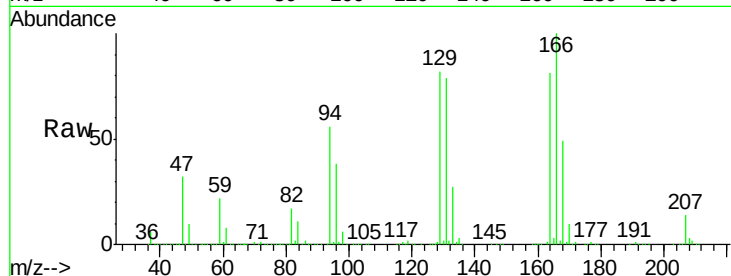
#64
Tetrachloroethene
Concen: 134.435 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	124.1	99.4	149.0	
129	102.3	81.8	122.8	
131	97.7	78.3	117.5	

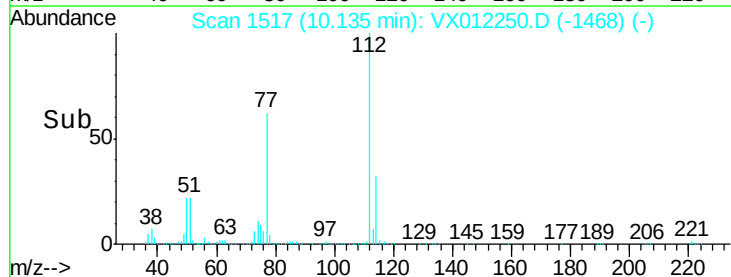
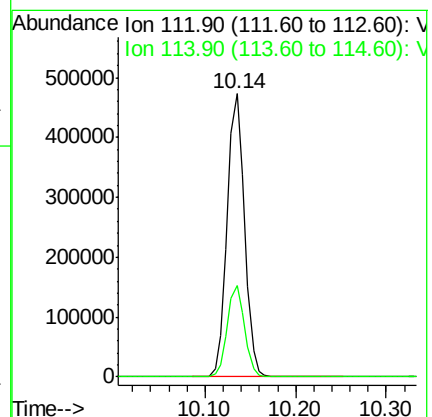
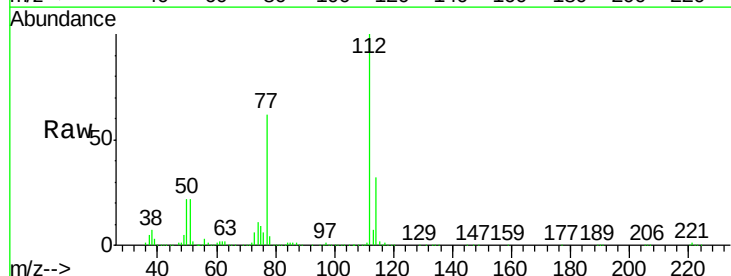
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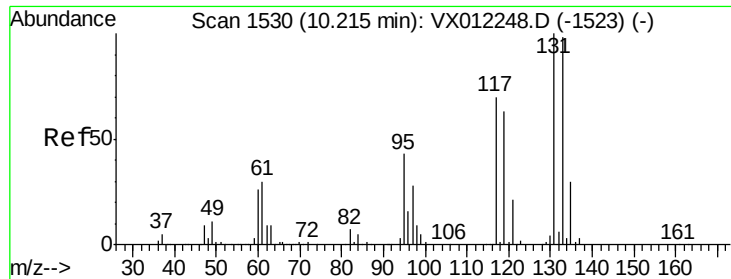
MMDadoda
9/12/2019 9:00:37 AM



#65
Chlorobenzene
Concen: 132.147 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.3	25.4	38.0	





#66

1,1,1,2-Tetrachloroethane

Concen: 138.192 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

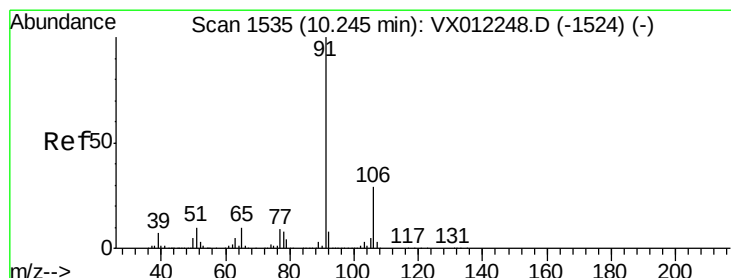
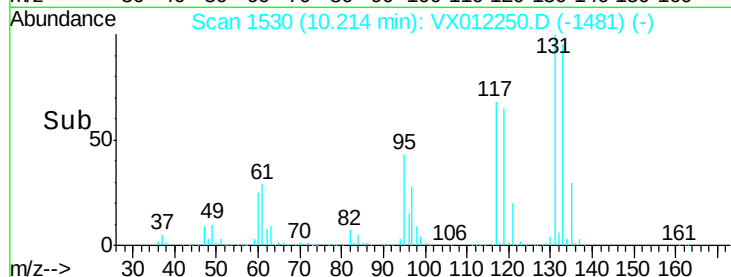
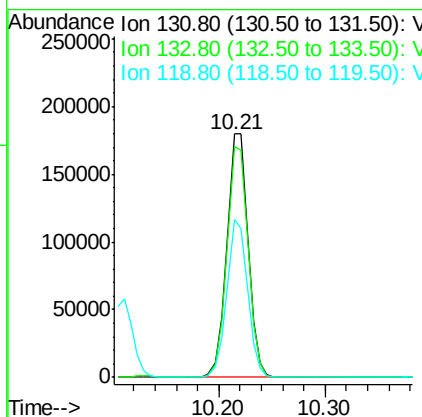
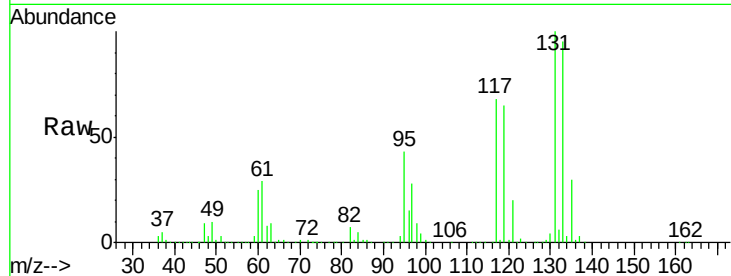
ClientSampleId :

VSTDIC150

Tot Ion:	131	Resp:	252521
Ion Ratio	Lower	Upper	
131	100		
133	94.8	48.0	144.2
119	63.2	31.6	95.0

Manual Integrations
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#67

Ethyl Benzene

Concen: 134.453 ug/l

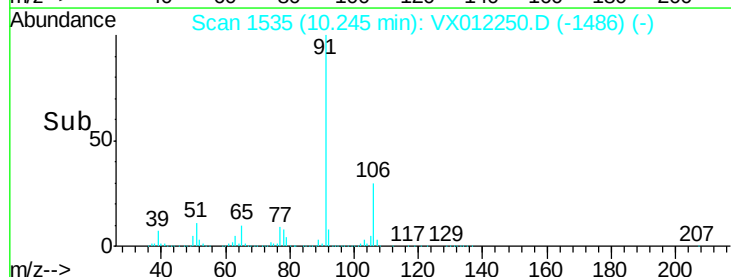
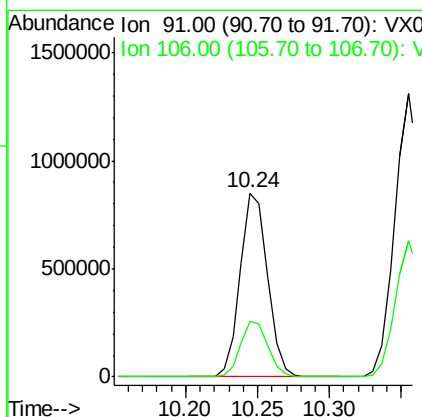
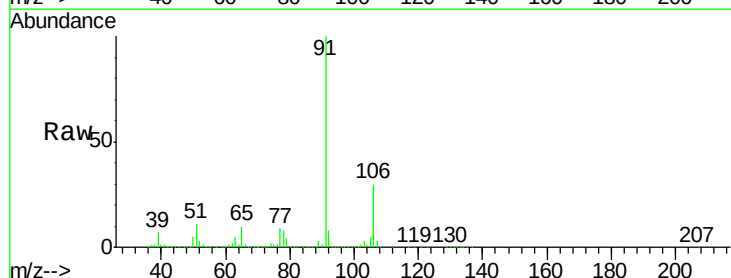
RT: 10.24 min Scan# 1535

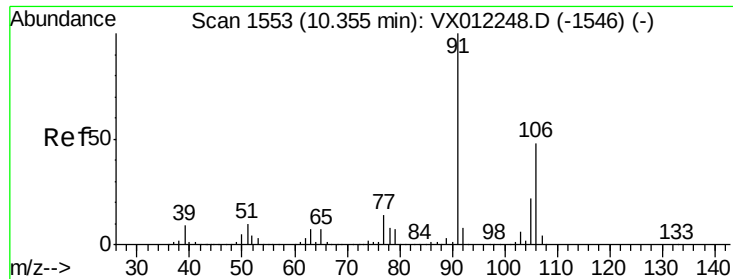
Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion:	91	Resp:	1125459
Ion Ratio	Lower	Upper	
91	100		
106	30.0	23.1	34.7





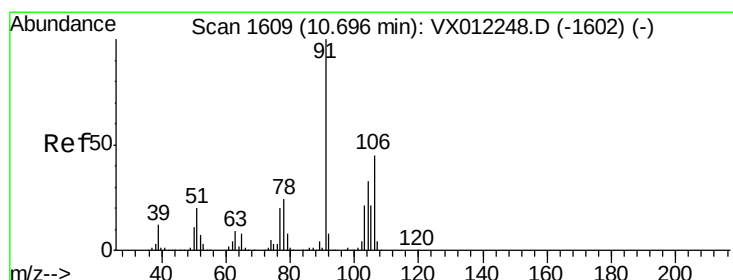
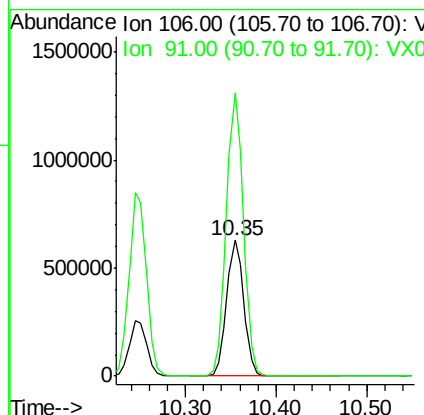
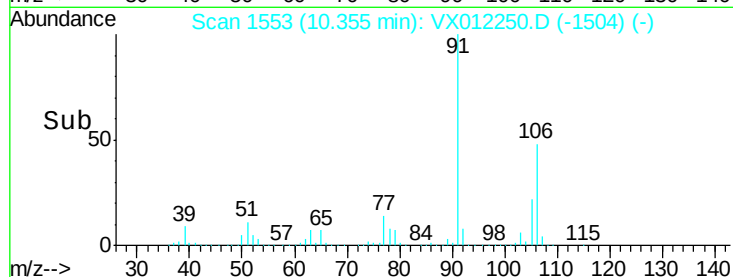
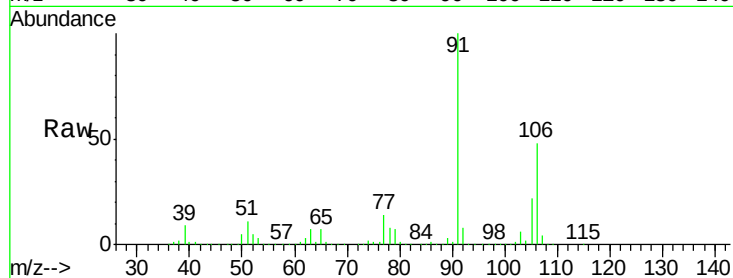
#68
m/p-Xylenes
Concen: 268.626 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 829303
Ion Ratio Lower Upper
106 100
91 208.6 167.0 250.6

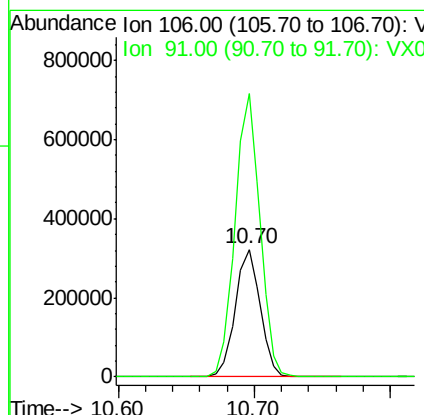
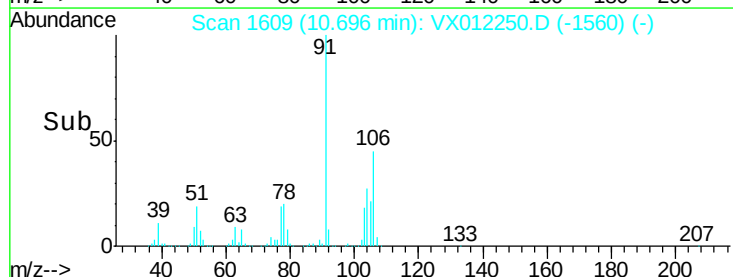
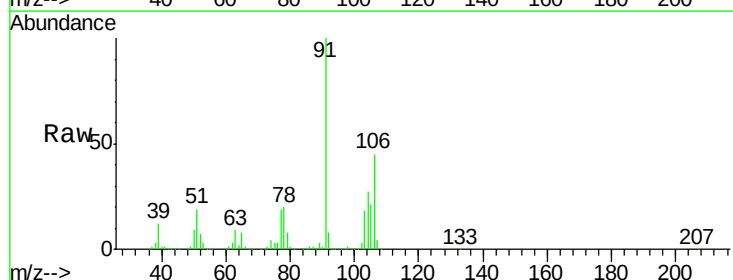
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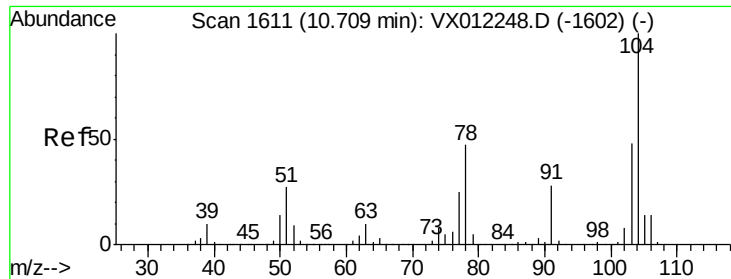
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#69
o-Xylene
Concen: 136.797 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion:106 Resp: 412056
Ion Ratio Lower Upper
106 100
91 221.3 110.5 331.4





#70

Stvrene

Concen: 137.757 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

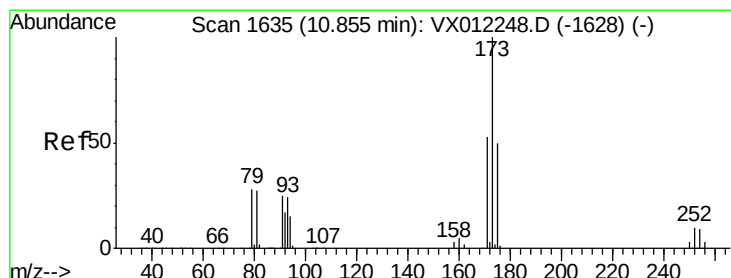
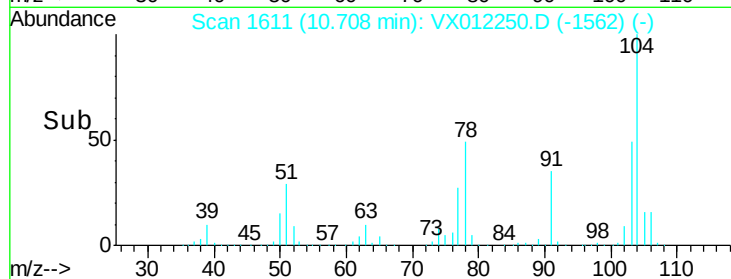
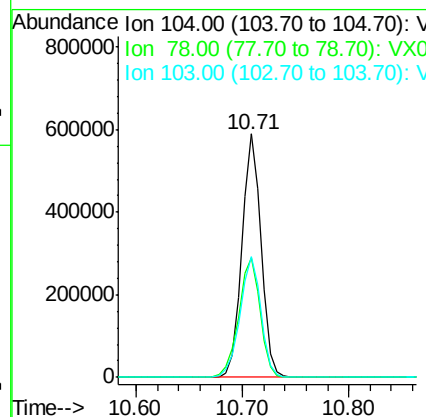
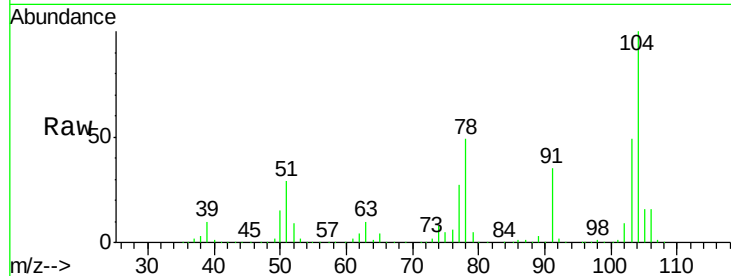
ClientSampleId :

VSTDIC150

Tot Ion:	104	Resp:	746161
Ion Ratio	Lower	Upper	
104	100		
78	54.9	44.2	66.2
103	53.9	42.5	63.7

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#71

Bromoform

Concen: 152.047 ug/l

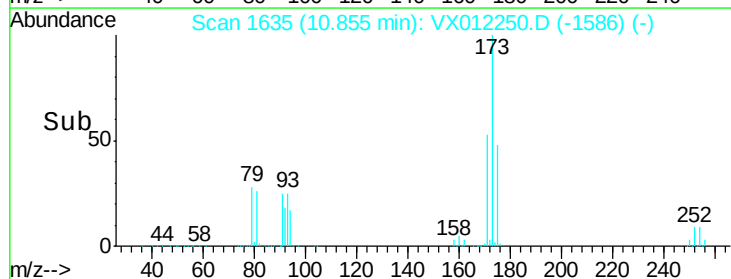
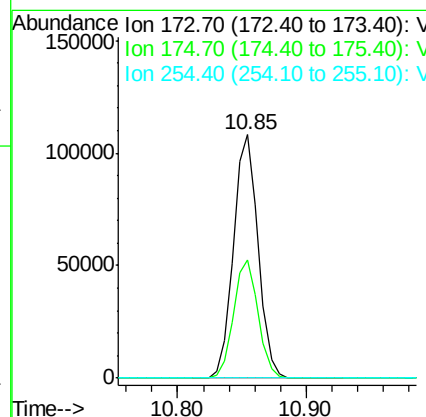
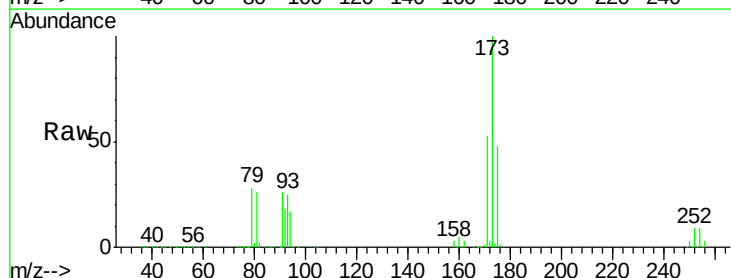
RT: 10.85 min Scan# 1635

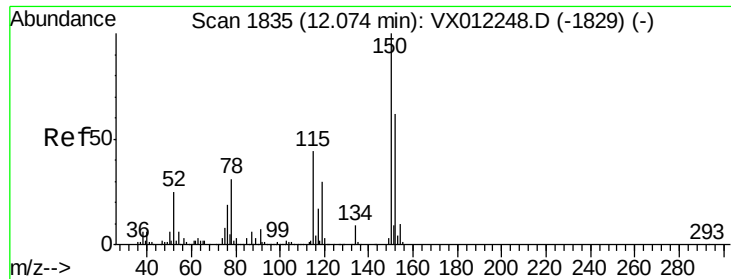
Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion:	173	Resp:	144864
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.5	73.5
254	0.2	0.2	0.4#





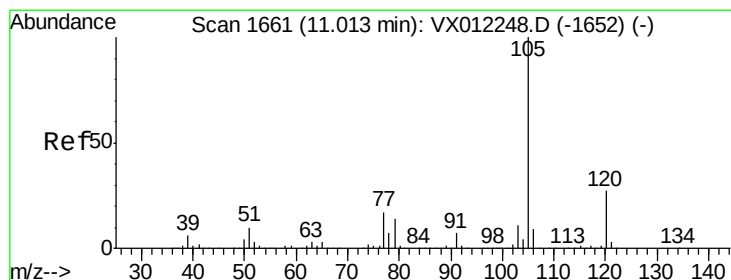
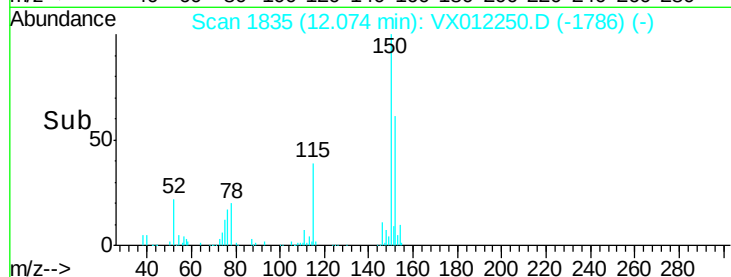
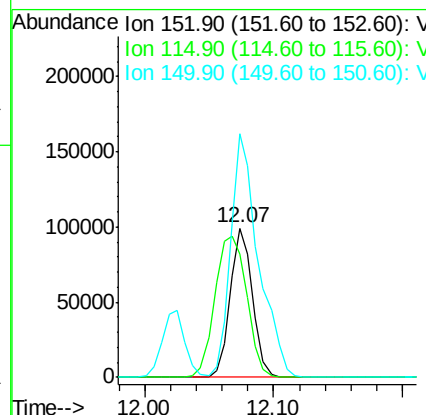
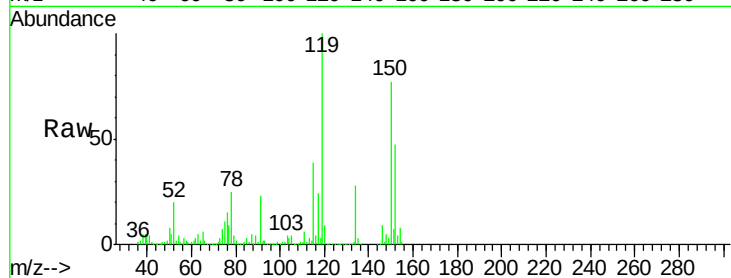
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
152	100	120451		
115	134.5	45.5	136.4	
150	203.2	0.0	346.4	

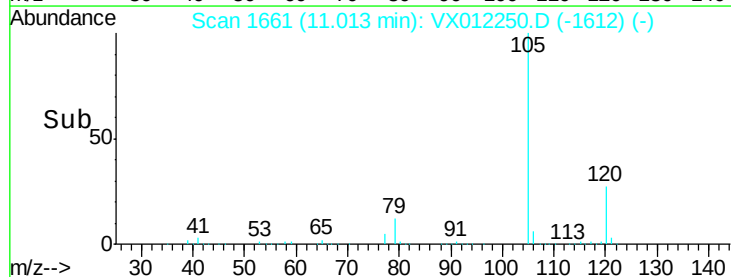
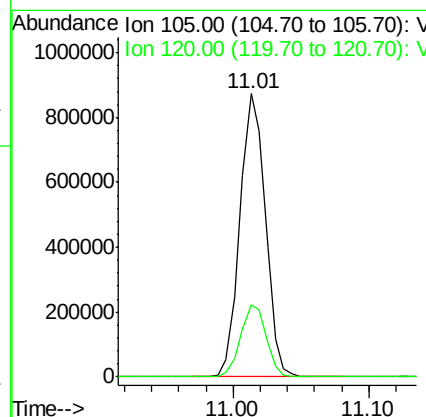
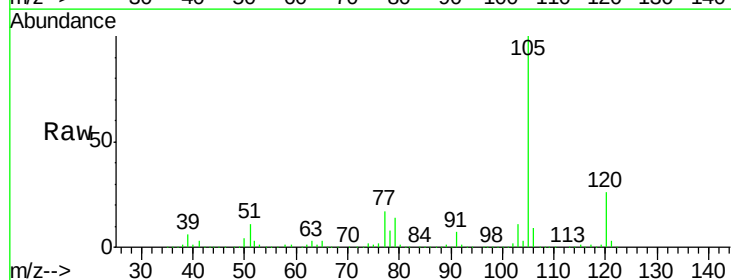
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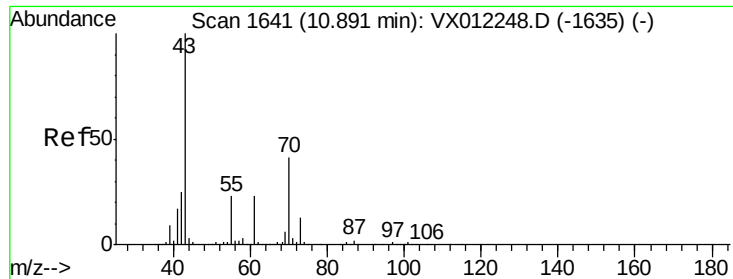
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#73
 Isopropylbenzene
 Concen: 131.932 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1139031		
120	25.7	13.2	39.5	





#74

N-amvl acetate

Concen: 140.464 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

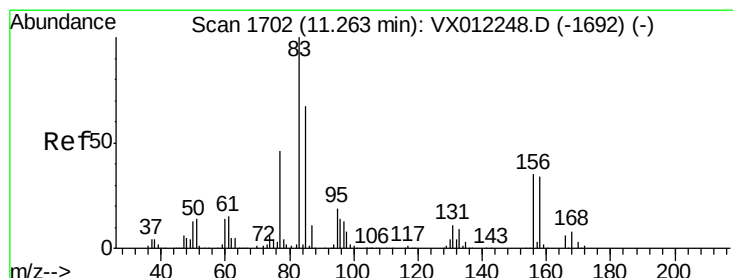
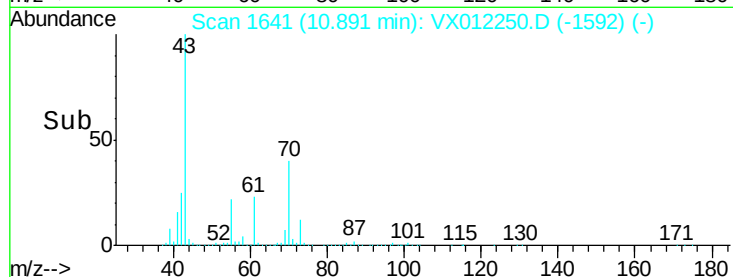
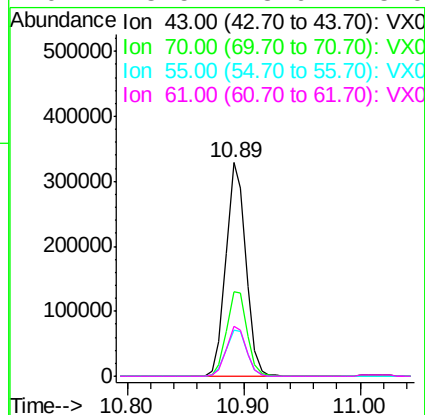
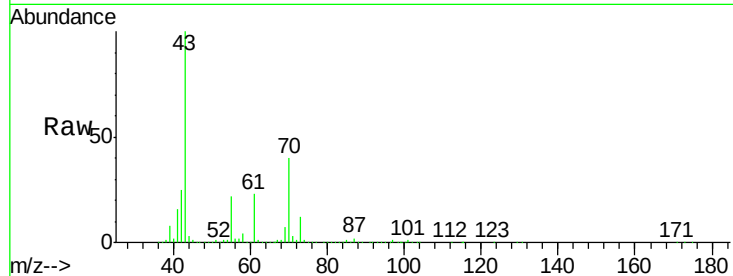
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		388073		
70	40.9	32.9	49.3		
55	22.8	19.1	28.7		
61	23.5	18.6	28.0		

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#75

1,1,2,2-Tetrachloroethane

Concen: 138.573 ug/l

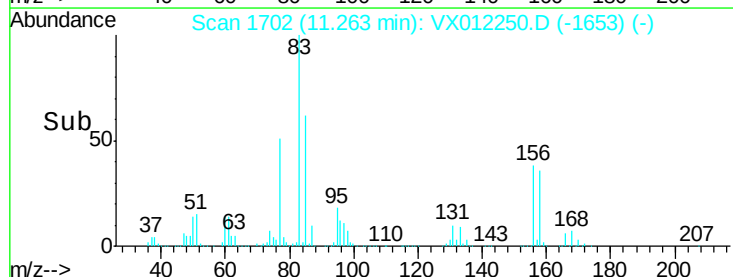
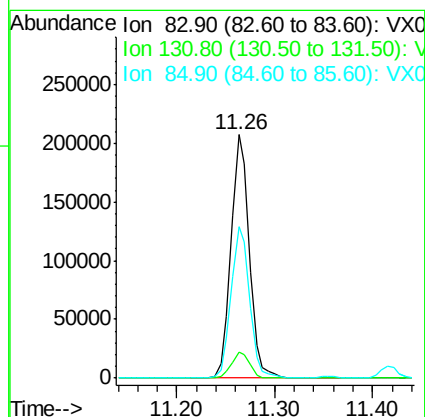
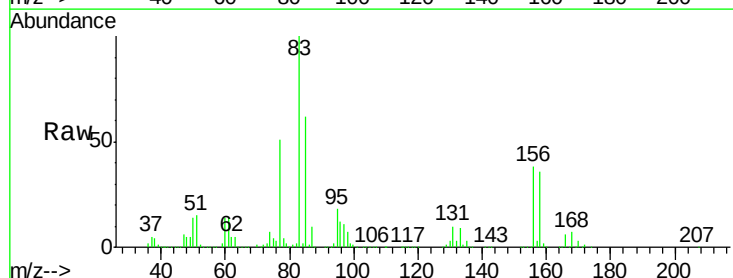
RT: 11.26 min Scan# 1702

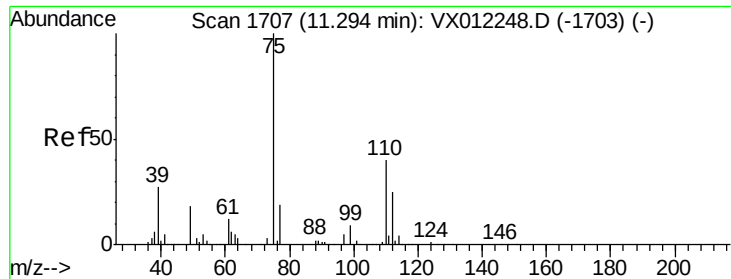
Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		268901		
131	10.7	5.5	16.4		
85	63.3	32.8	98.4		





#76

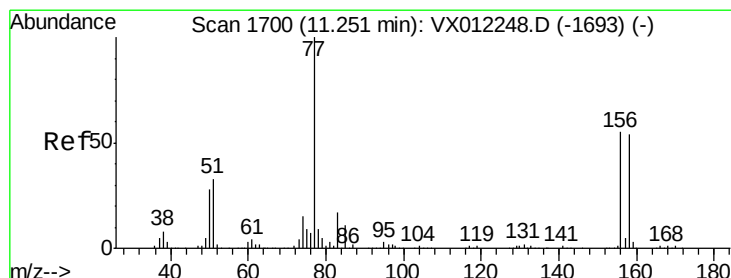
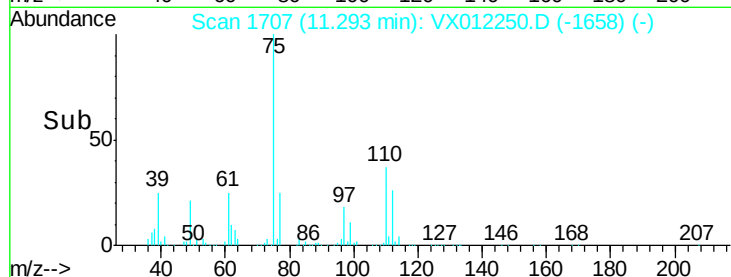
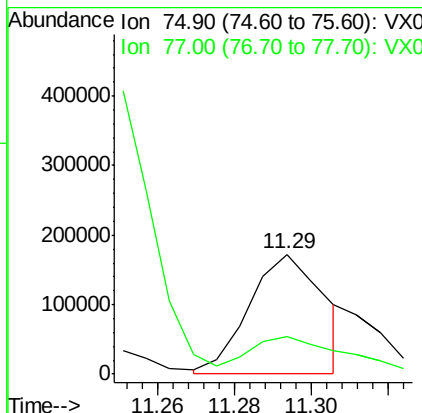
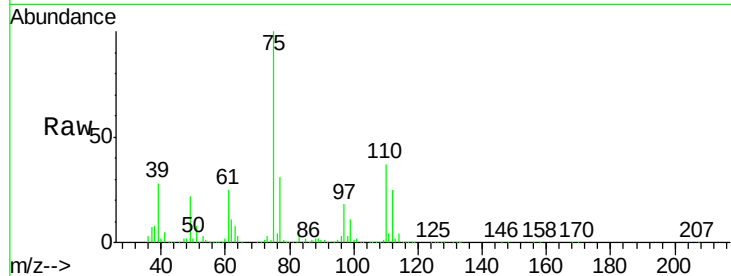
1,2,3-Trichloropropane
Concen: 139.024 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 233987
Ion Ratio Lower Upper
75 100
77 40.4 19.7 59.0

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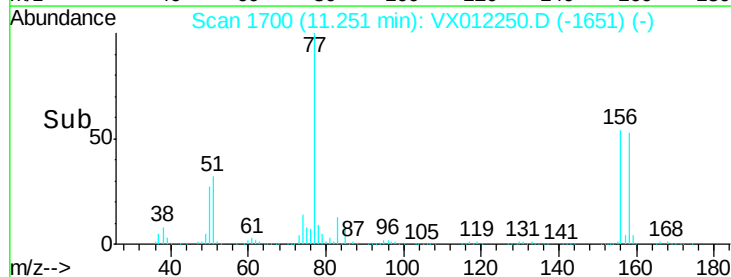
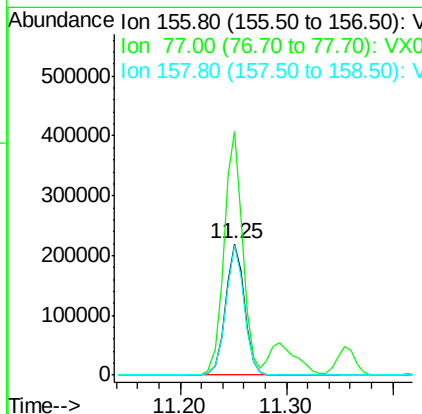
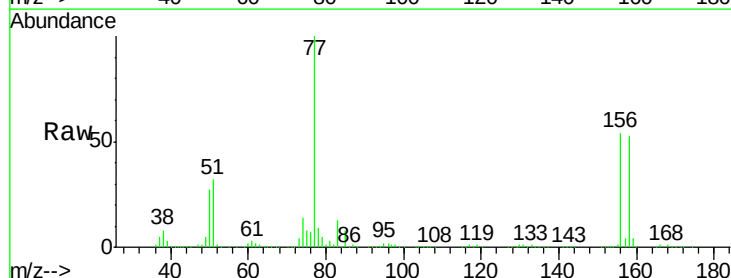
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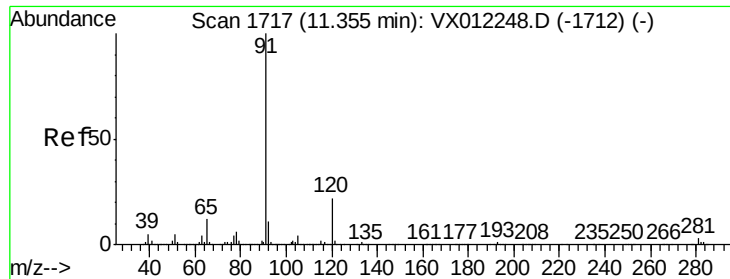


#77

Bromobenzene
Concen: 131.204 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 156 Resp: 270764
Ion Ratio Lower Upper
156 100
77 183.3 92.2 276.6
158 96.6 48.8 146.3





#78

n-propylbenzene

Concen: 131.378 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1365107

Ion Ratio Lower Upper

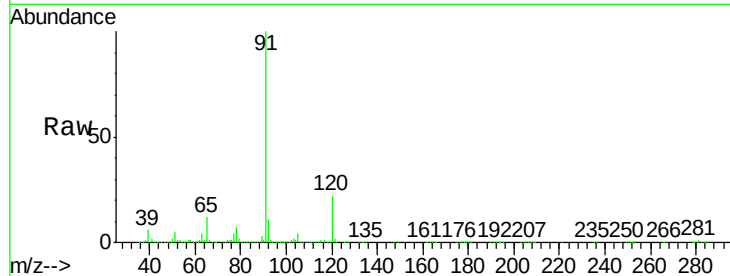
91 100

120 22.8 11.2 33.6

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

1200000

1000000

800000

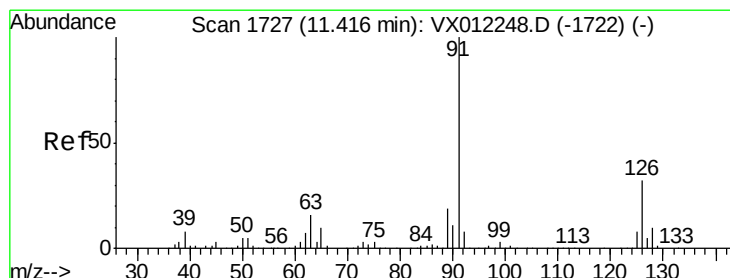
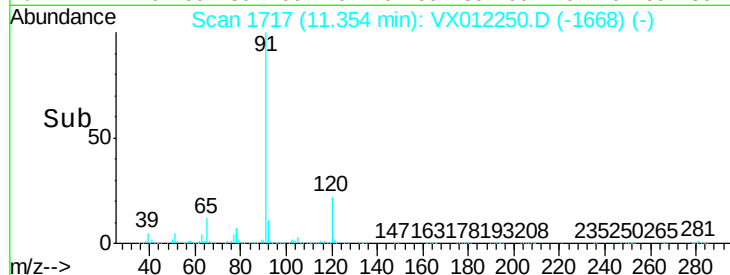
600000

400000

200000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 132.310 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012250.D

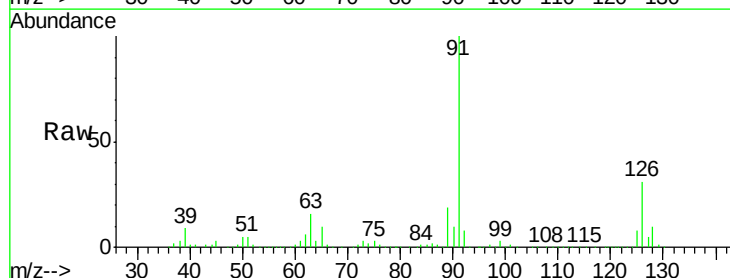
Acq: 10 Sep 2019 11:22

Tgt Ion: 91 Resp: 858124

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

1200000

1000000

800000

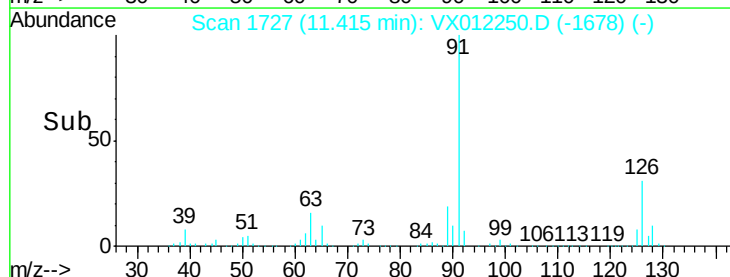
600000

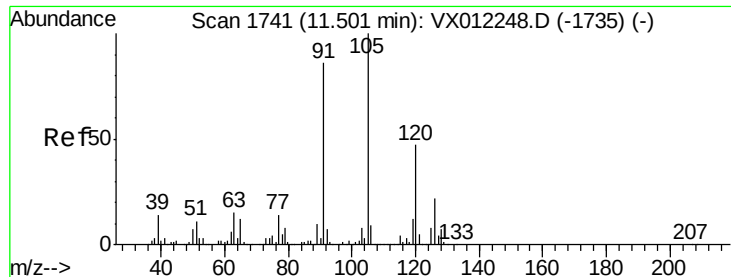
400000

200000

0

Time--> 11.35 11.40 11.45





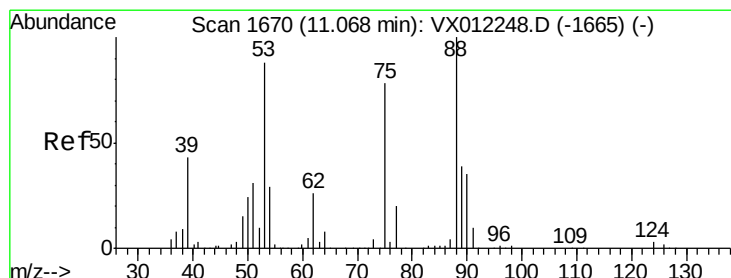
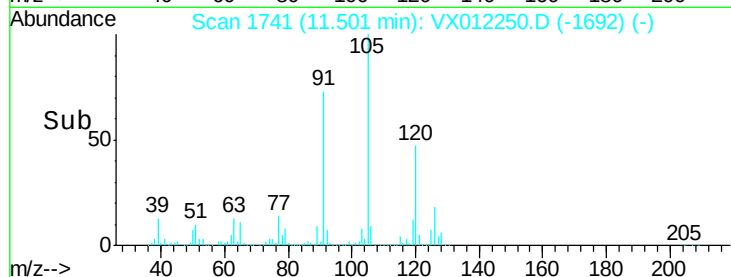
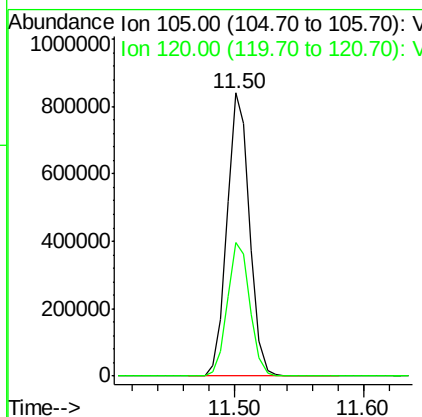
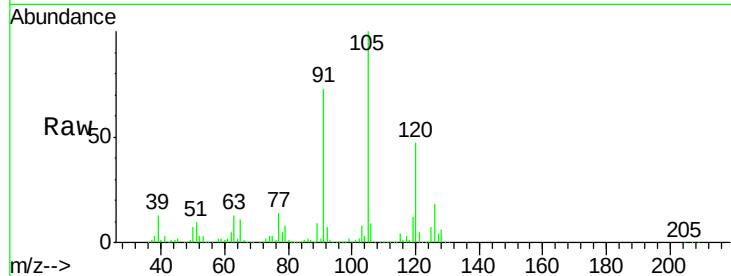
#80
 1,3,5-Trimethylbenzene
 Concen: 131.665 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1028912
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.7 71.1

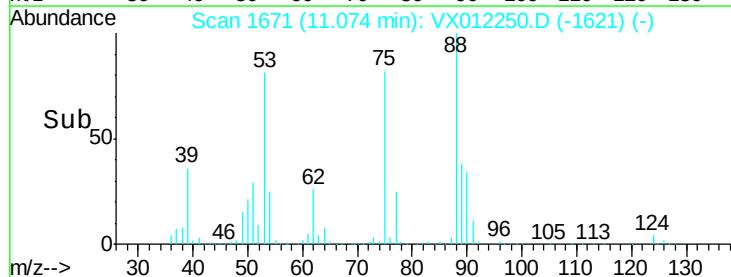
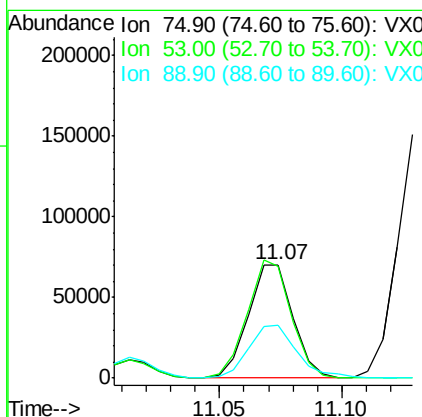
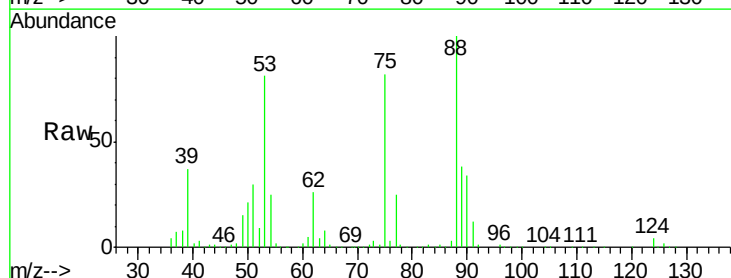
Manual Integrations
 APPROVED

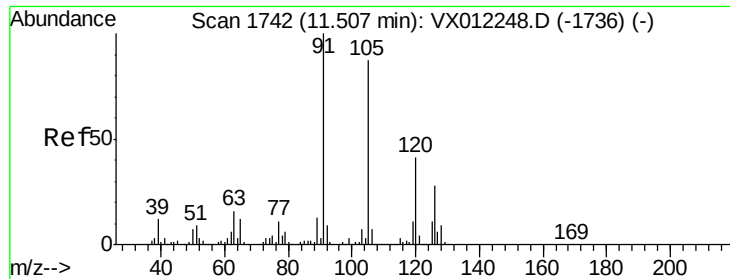
MMDadoda
 9/12/2019 9:00:37 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.022 ug/l
 RT: 11.07 min Scan# 1671
 Delta R.T. 0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion: 75 Resp: 88375
 Ion Ratio Lower Upper
 75 100
 53 103.0 88.1 132.1
 89 51.2 43.5 65.3





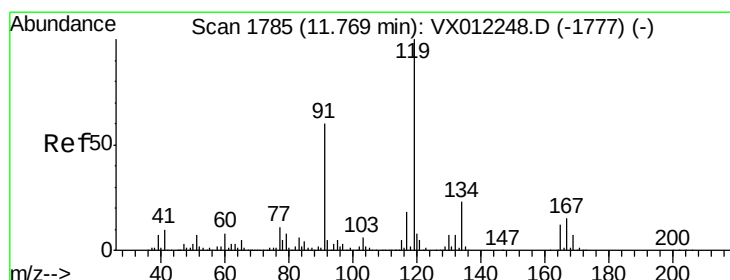
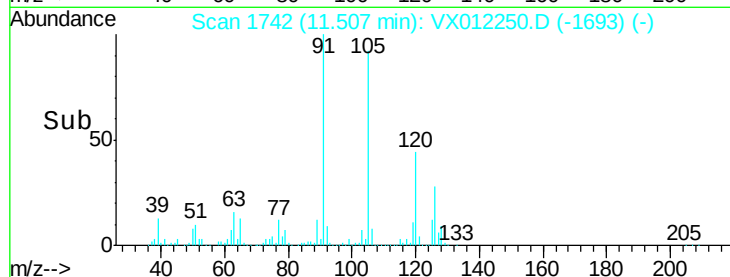
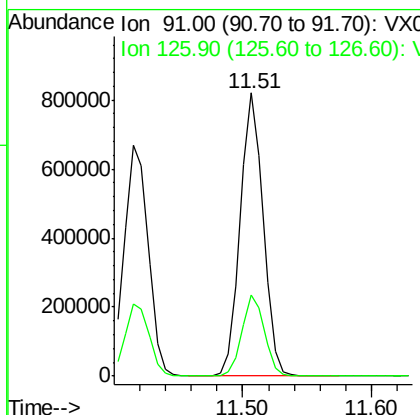
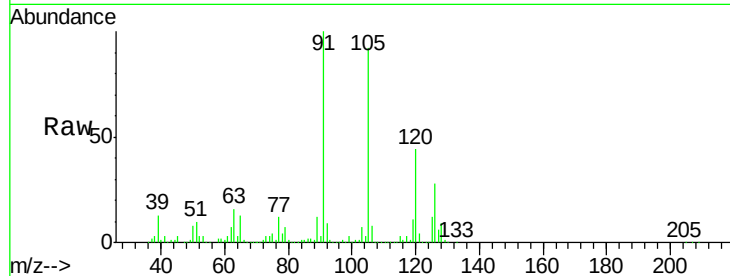
#82
4-Chlorotoluene
Concen: 127.786 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1014491
Ion Ratio Lower Upper
91 100
126 27.9 14.0 42.0

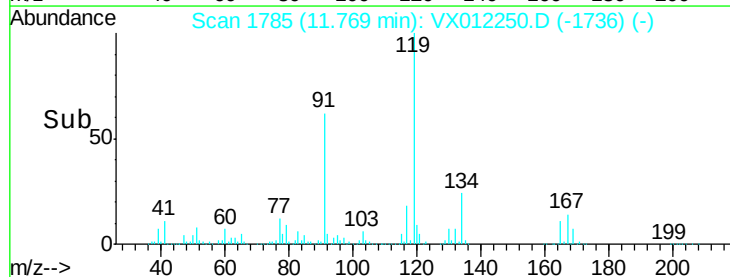
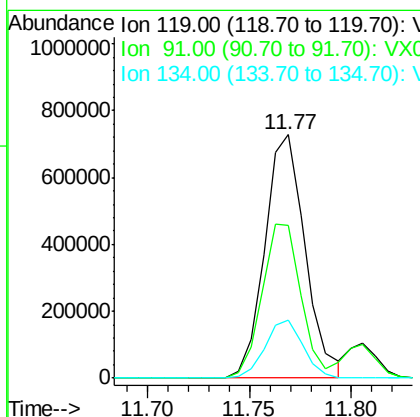
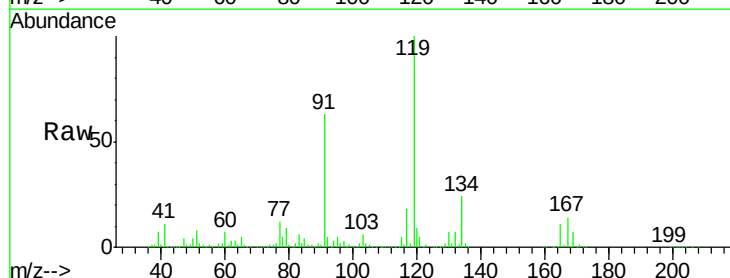
Manual Integrations
APPROVED

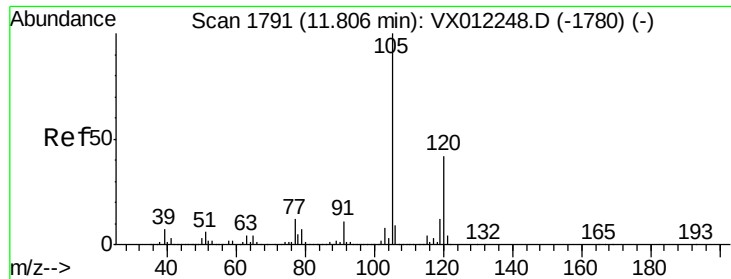
MMDadoda
9/12/2019 9:00:37 AM



#83
tert-Butylbenzene
Concen: 132.311 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 119 Resp: 1002456
Ion Ratio Lower Upper
119 100
91 60.9 30.9 92.8
134 22.6 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 132.295 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1069259

Ion Ratio Lower Upper

105 100

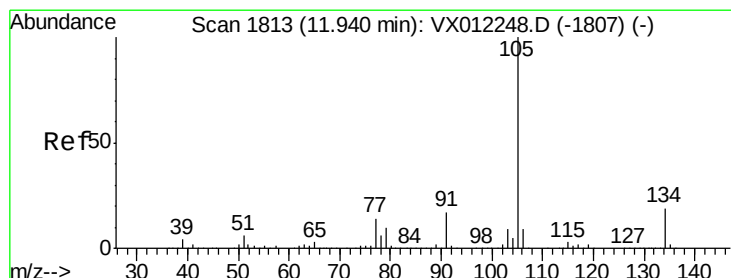
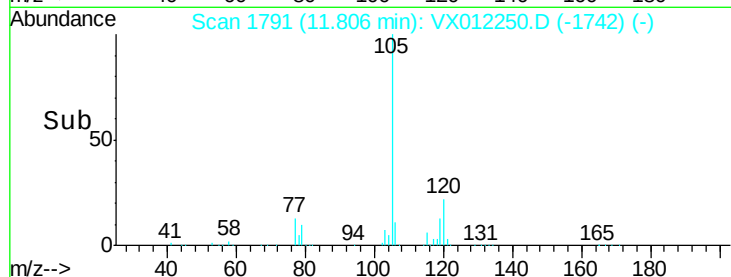
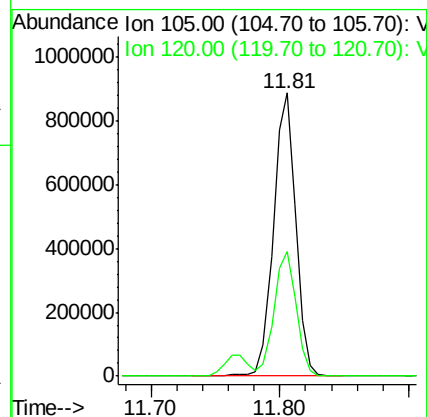
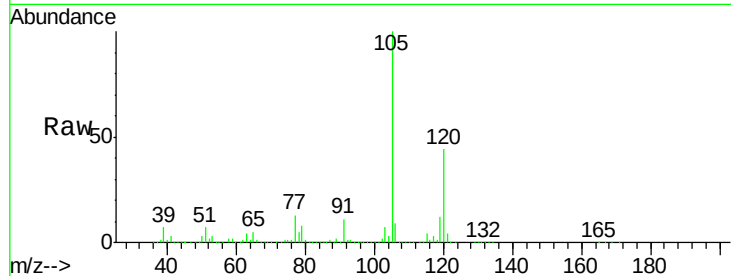
120 43.8 21.3 63.9

Manual Integrations

APPROVED

MMDadoda

9/12/2019 9:00:37 AM



#85

sec-Butylbenzene

Concen: 132.553 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012250.D

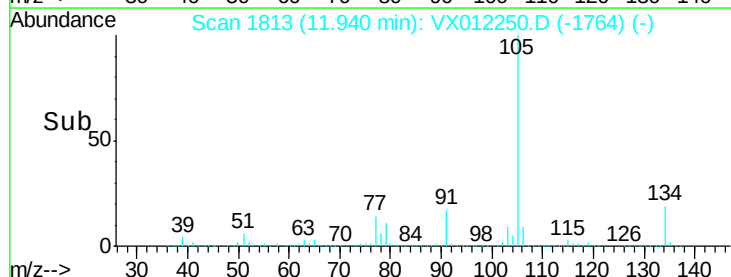
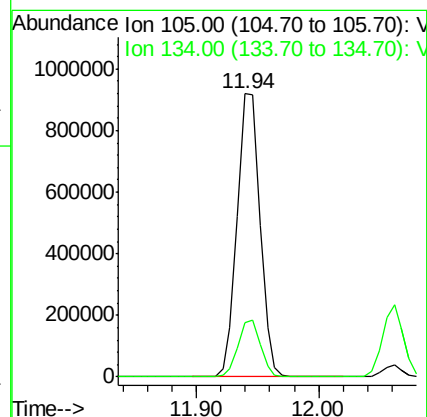
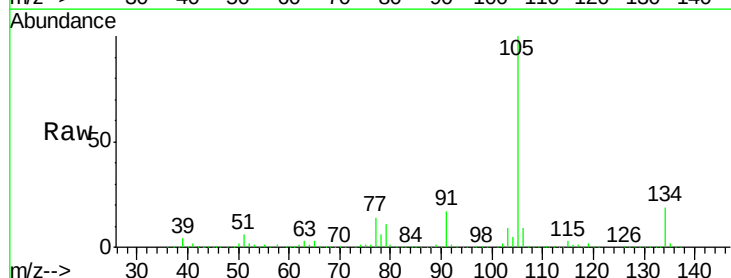
Acq: 10 Sep 2019 11:22

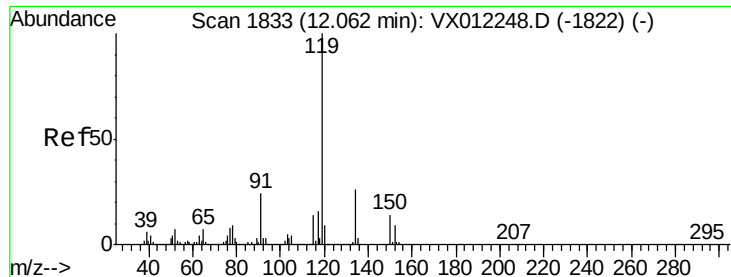
Tgt Ion:105 Resp: 1180479

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7





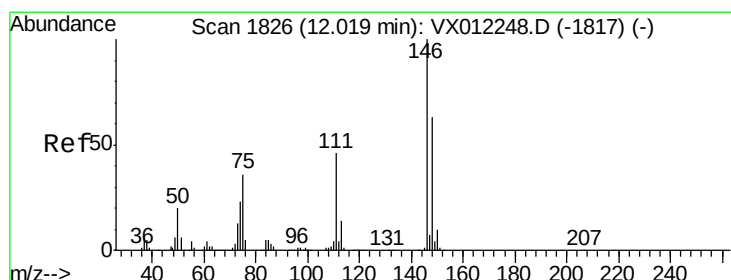
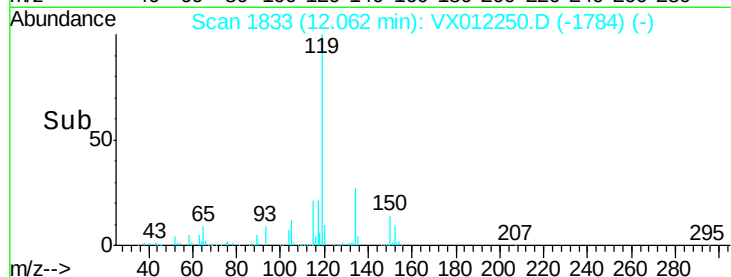
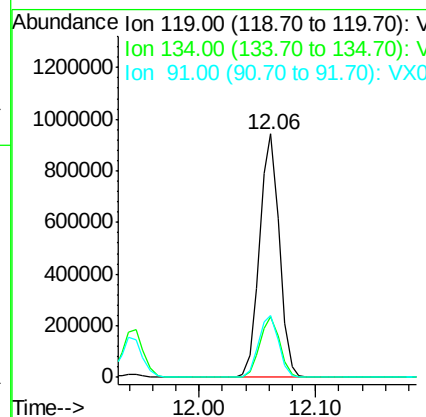
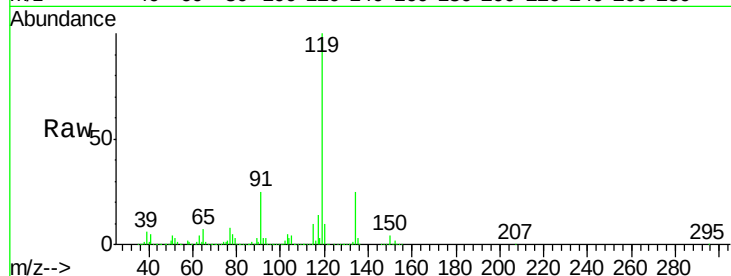
#86
 p-Isopropyltoluene
 Concen: 135.293 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.9	38.7
91	25.9	13.1	39.1

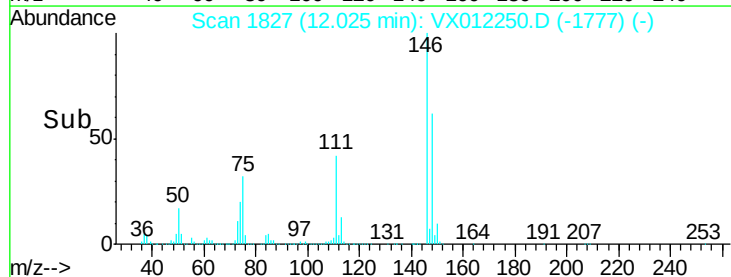
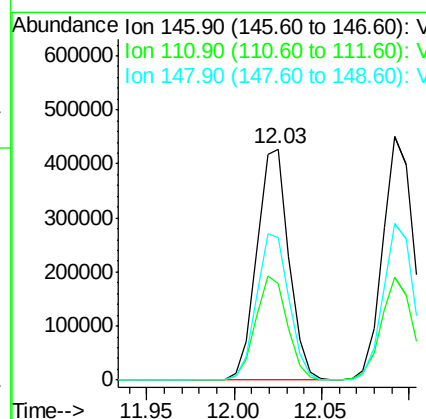
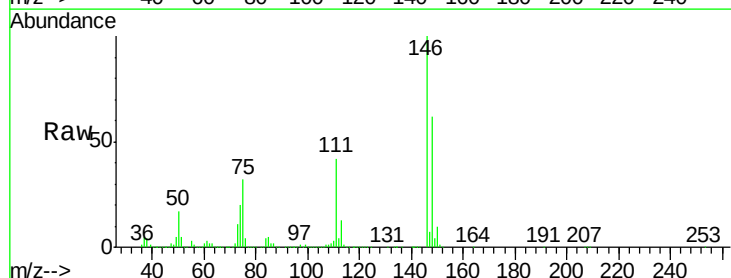
Manual Integrations
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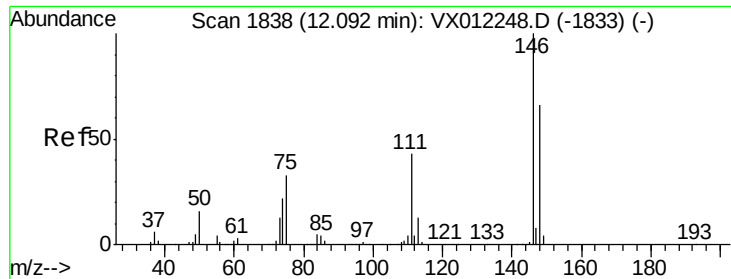
MMDadoda
 9/12/2019 9:00:37 AM



#87
 1,3-Dichlorobenzene
 Concen: 132.778 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.3	66.8
148	64.2	31.5	94.5





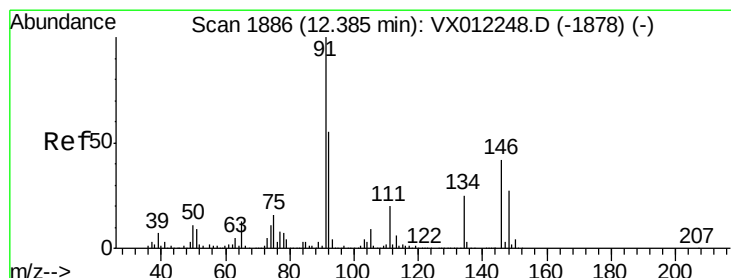
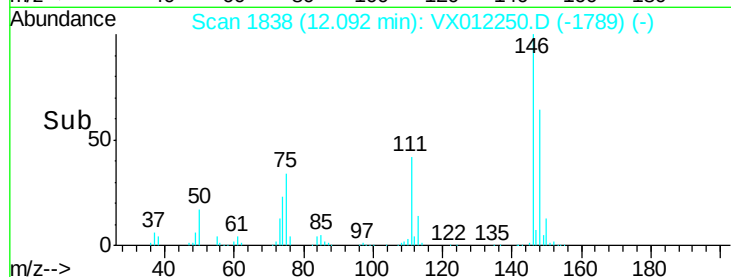
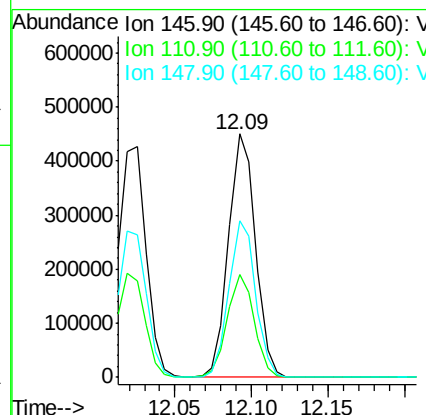
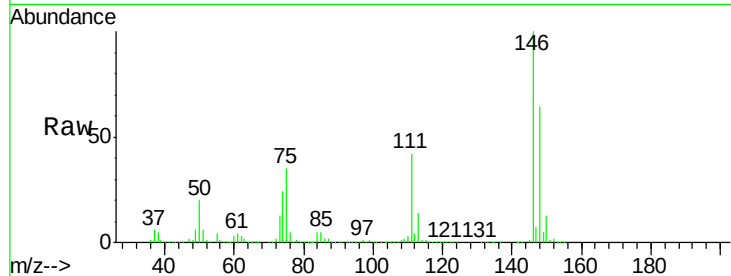
#88
 1,4-Dichlorobenzene
 Concen: 134.353 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.6	64.8
148	63.6	32.4	97.2

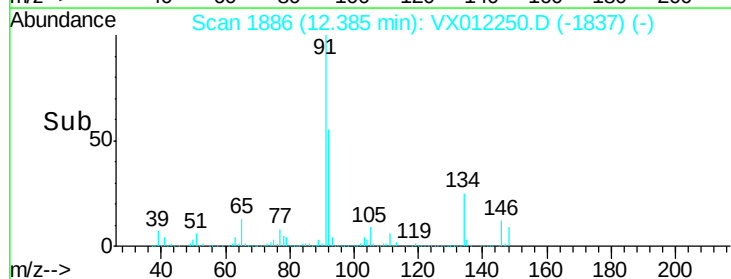
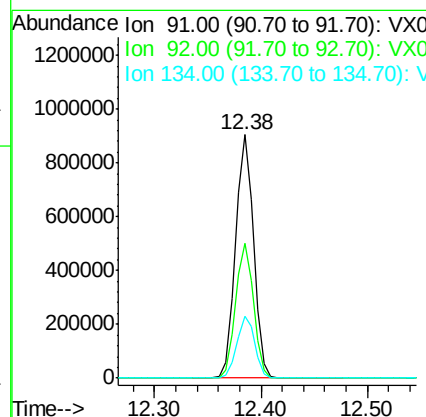
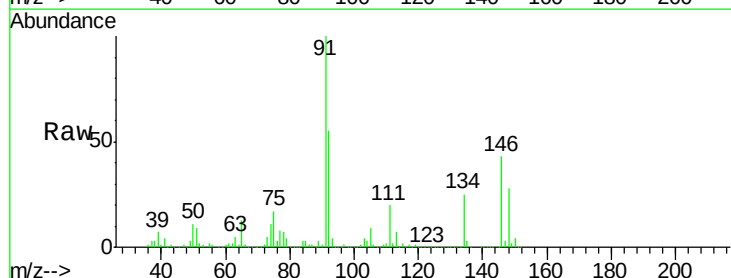
Manual Integrations
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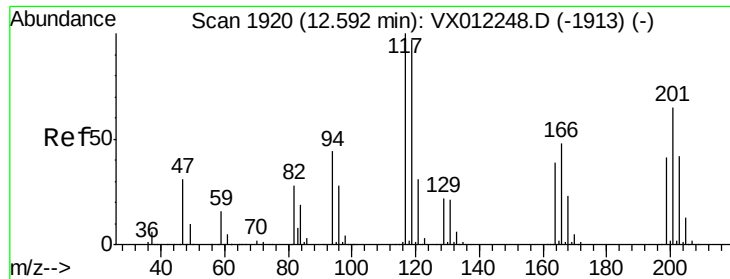
MMDadoda
 9/12/2019 9:00:37 AM



#89
 n-Butylbenzene
 Concen: 135.816 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.6	82.7
134	25.5	12.5	37.5





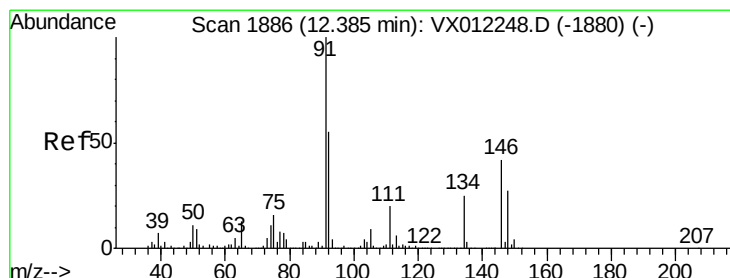
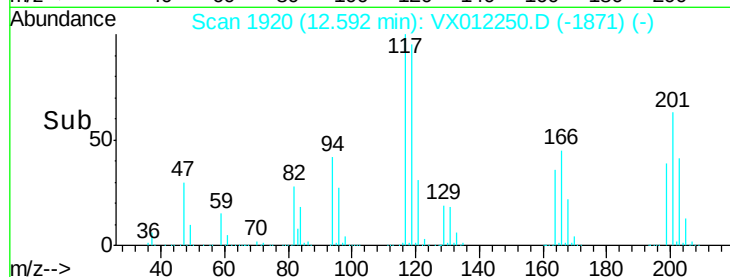
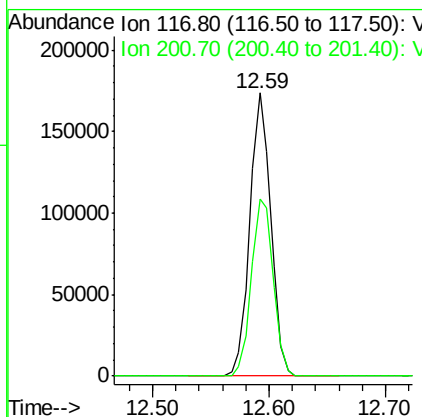
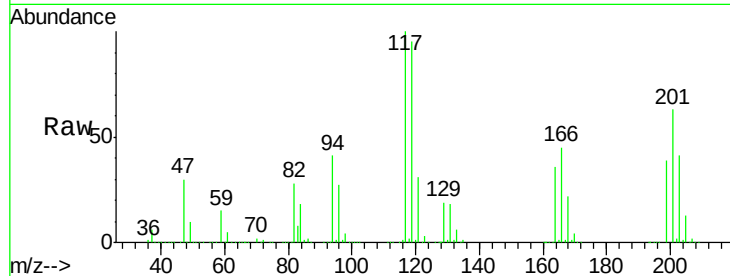
#90
Hexachloroethane
Concen: 144.413 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	218679		
201	65.3	32.2	96.6	

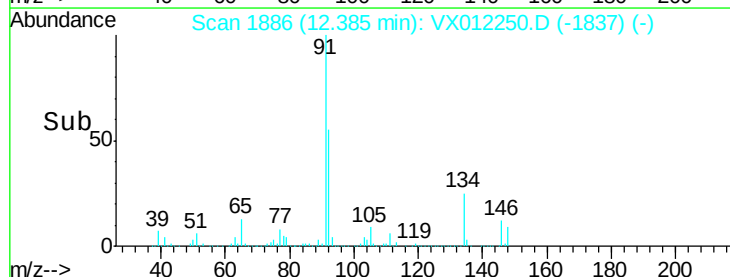
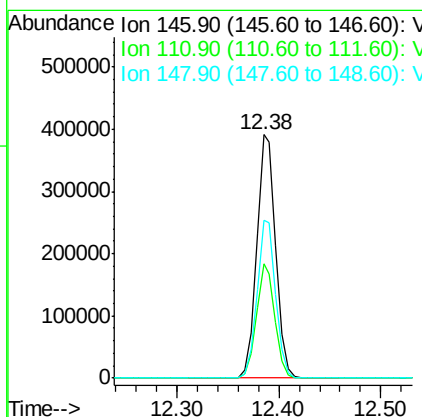
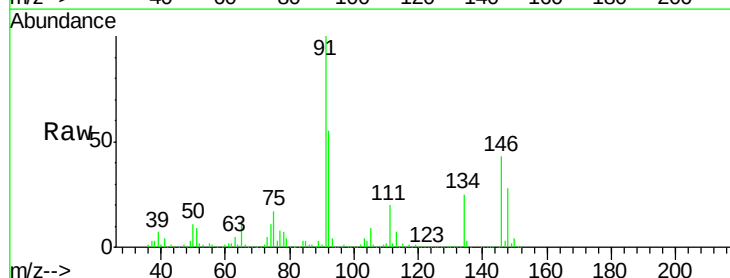
Manual Integrations
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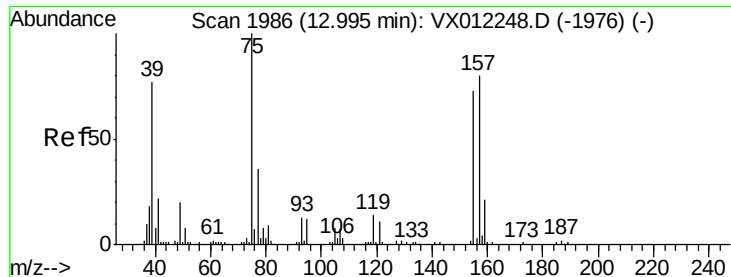
MMDadoda
9/12/2019 9:00:37 AM



#91
1,2-Dichlorobenzene
Concen: 132.833 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	508686		
111	45.8	23.2	69.6	
148	64.3	32.4	97.0	





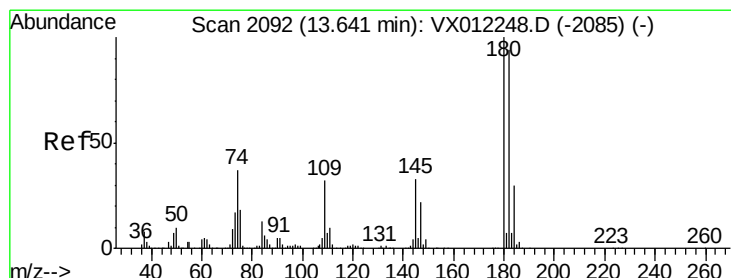
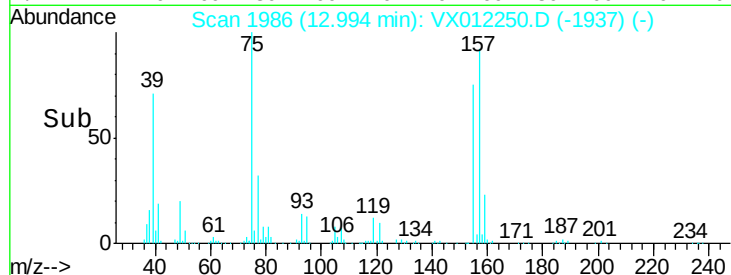
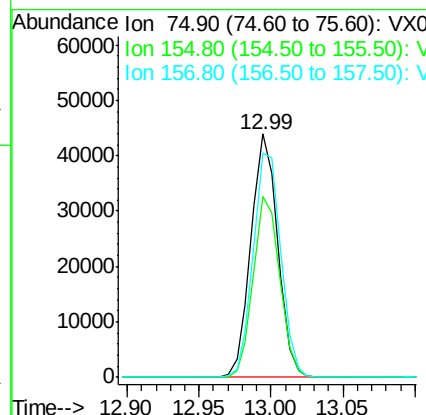
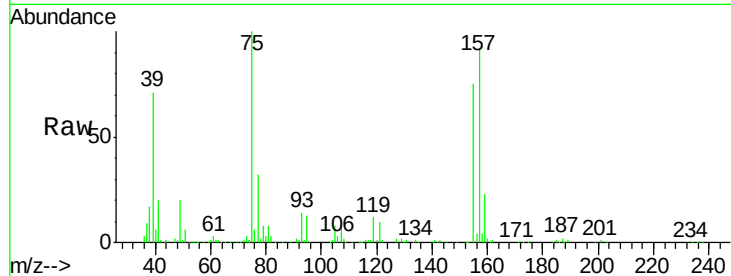
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 146.212 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
155	73.7	35.3	105.7
157	94.9	43.2	129.6

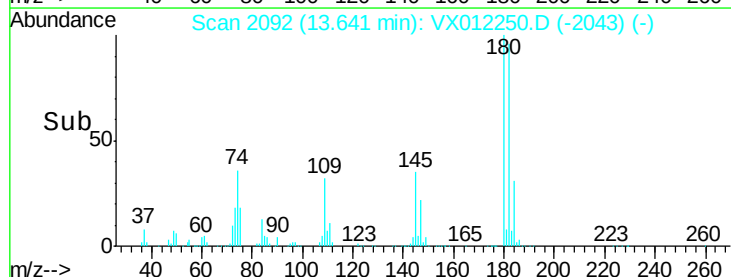
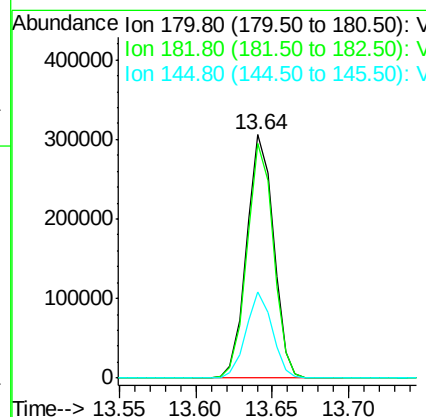
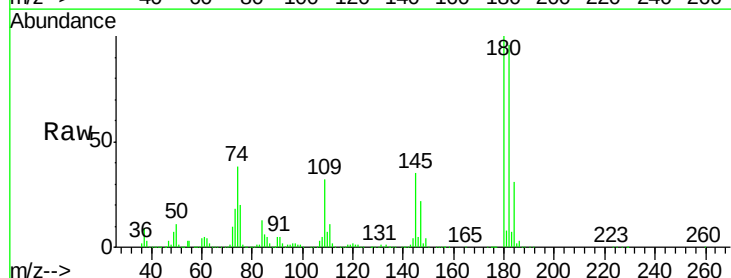
Manual Integrations
 APPROVED

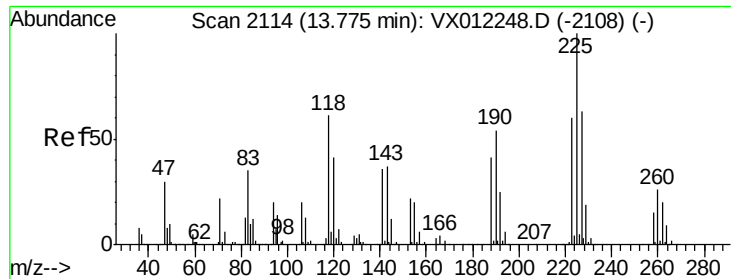
MMDadoda
 9/12/2019 9:00:37 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 147.301 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.9	140.8
145	34.6	17.1	51.2





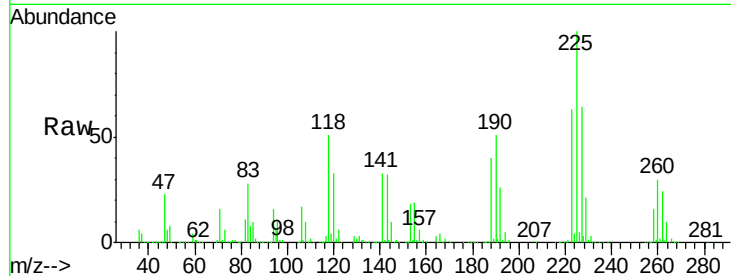
#94
Hexachlorobutadiene
Concen: 147.967 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

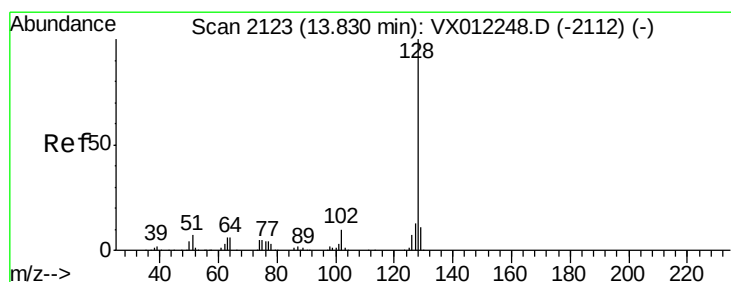
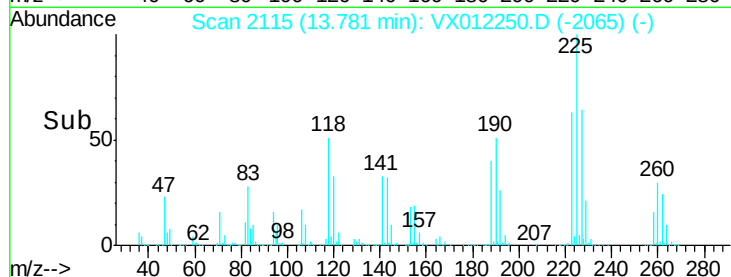
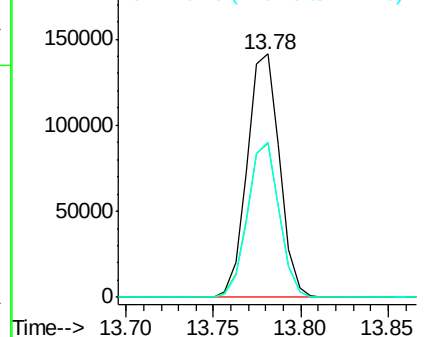
Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	62.3	32.1	96.5
227	61.9	32.5	97.5

Manual Integrations
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MMDadoda
9/12/2019 9:00:37 AM



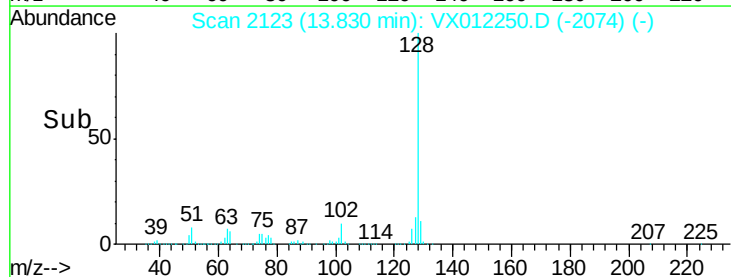
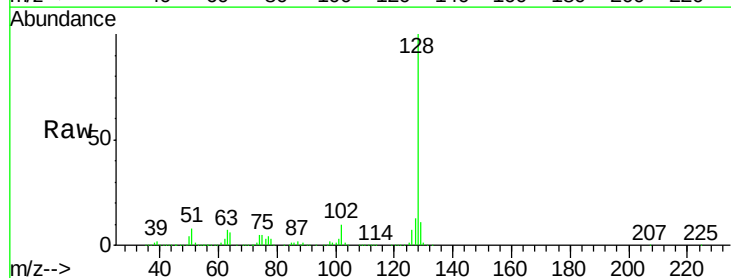
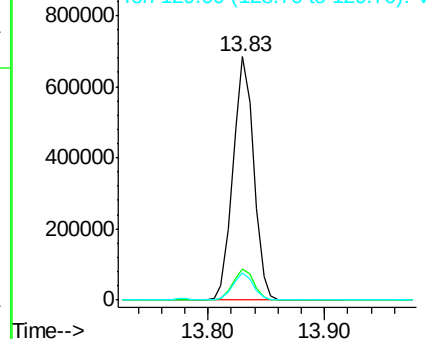
Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

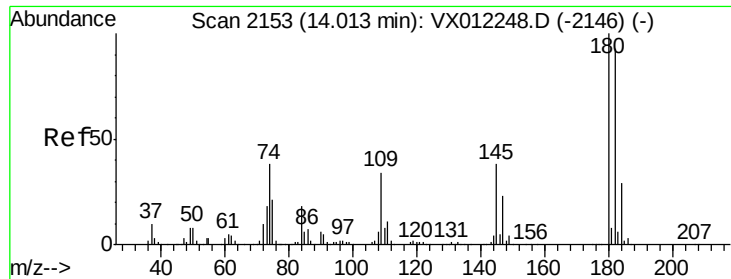


#95
Naphthalene
Concen: 152.082 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.9	13.3

Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 150.643 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	47.0	141.0
145	36.9	18.6	55.8

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:00:37 AM

