

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020320\
 Data File : VX014793.D
 Acq On : 03 Feb 2020 13:44
 Operator : JC/SP
 Sample : VX0203WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:32:17 PM

Quant Time: Feb 03 14:26:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	68122	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	380425	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	343965	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	150755	31.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.93%
60) 4-Bromofluorobenzene	11.13	95	165562	30.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.27%
63) Toluene-d8	8.71	98	478147	30.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	101610	21.583 ug/l	97
3) Chloromethane	1.32	50	106471	20.656 ug/l	95
4) Vinyl Chloride	1.40	62	122145	21.105 ug/l	99
5) Bromomethane	1.64	94	71908	19.911 ug/l	100
6) Chloroethane	1.72	64	69248	21.225 ug/l	99
7) Trichlorofluoromethane	1.92	101	140917	21.990 ug/l	98
8) Diethyl Ether	2.18	74	59811	21.368 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83213	22.195 ug/l	99
10) 1,1-Dichloroethene	2.37	96	79106	20.977 ug/l	98
11) Methyl Iodide	2.50	142	106644	21.087 ug/l	96
12) Methyl Acetate	2.76	43	146013	21.433 ug/l	99
13) Acrolein	2.28	56	67242	93.972 ug/l	96
14) Acrylonitrile	3.12	53	235453	101.009 ug/l	99
15) Acetone	2.43	58	74288	95.063 ug/l	74
16) Carbon Disulfide	2.56	76	210635	20.337 ug/l	98
17) Allyl chloride	2.72	41	142575	20.429 ug/l	93
18) Methylene Chloride	2.84	84	94617	21.438 ug/l	95
19) trans-1,2-Dichloroethene	3.15	96	84977	20.932 ug/l	97
20) Diisopropyl ether	3.84	45	298324	21.605 ug/l	96
21) 1,1-Dichloroethane	3.69	63	158442	21.122 ug/l	99
22) cis-1,2-Dichloroethene	4.58	96	98787	21.176 ug/l	97
23) tert-Butyl Alcohol	3.02	59	99347	103.055 ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	267944	21.350 ug/l	95
25) Chloroform	5.20	83	157535	21.679 ug/l	100
26) Cyclohexane	5.57	56	143372	20.721 ug/l	# 98
29) 1,1-Dichloropropene	5.79	75	117412	21.044 ug/l	98
30) 2-Butanone	4.65	43	346156	97.944 ug/l	100
31) 2,2-Dichloropropane	4.57	77	128199	21.475 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	133612	21.647 ug/l	98
33) Carbon Tetrachloride	5.78	117	114604	21.627 ug/l	94
34) Benzene	6.13	78	362865	21.047 ug/l	99
35) Methacrylonitrile	5.02	41	71399	20.228 ug/l	98
36) 1,2-Dichloroethane	6.18	62	128263	21.378 ug/l	100
37) Trichloroethene	7.20	130	100192	21.225 ug/l	95
38) Methylcyclohexane	7.45	83	138732	19.971 ug/l	98
39) 1,2-Dichloropropane	7.50	63	91891	20.497 ug/l	93
40) Dibromomethane	7.65	93	60993	21.169 ug/l	100

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Manual Integrations
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 2/4/2020 3:32:17 PM

Quant Time: Feb 03 14:26:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	120121	21.290	ug/l	100
42) Vinyl Acetate	3.80	43	1128112	103.561	ug/l	99
43) Ethyl Acetate	4.81	43	123412	19.290	ug/l	99
44) Isopropyl Acetate	6.43	43	208458	20.197	ug/l	100
45) 1,4-Dioxane	7.73	88	41767	404.557	ug/l	98
46) Methyl methacrylate	7.76	41	104305	20.551	ug/l	96
47) n-amyl Acetate	10.89	43	178400	20.629	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	128424	20.848	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	144673	20.844	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	91710	20.919	ug/l	99
51) Ethyl methacrylate	9.17	69	138722	20.322	ug/l	98
52) 1,3-Dichloropropane	9.37	76	154748	20.833	ug/l	98
53) Dibromochloromethane	9.57	129	93669	20.888	ug/l	100
54) 1,2-Dibromoethane	9.67	107	97074	21.350	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	307855	98.130	ug/l	100
56) Bromoform	10.85	173	70194	20.322	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	664515	102.589	ug/l	100
59) 2-Hexanone	9.48	43	512699	102.344	ug/l	99
61) Tetrachloroethene	9.33	164	114147	22.452	ug/l	95
62) Toluene	8.78	91	390874	21.419	ug/l	100
64) Chlorobenzene	10.13	112	239780	21.048	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	91520	21.752	ug/l	98
66) Ethyl Benzene	10.24	91	418726	21.066	ug/l	99
67) m/p-Xylenes	10.35	106	323298	42.463	ug/l	99
68) o-Xylene	10.70	106	155139	20.925	ug/l	98
69) Styrene	10.71	104	260305	20.722	ug/l	99
70) Isopropylbenzene	11.01	105	410102	21.114	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	132823	20.301	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	131885m	23.566	ug/l	
73) Bromobenzene	11.25	156	106917	20.765	ug/l	98
74) n-propylbenzene	11.35	91	471187	21.230	ug/l	98
75) 2-Chlorotoluene	11.42	91	278207	20.915	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	342446	21.159	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	42733	19.840	ug/l	97
78) 4-Chlorotoluene	11.51	91	322456	21.345	ug/l	98
79) tert-butylbenzene	11.76	119	314695	20.780	ug/l	95
80) 1,2,4-Trimethylbenzene	11.80	105	350306	21.701	ug/l	99
81) sec-Butylbenzene	11.94	105	399763	21.333	ug/l	99
82) p-Isopropyltoluene	12.06	119	362434	21.186	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	189063	21.030	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	189703	21.284	ug/l	99
85) n-Butylbenzene	12.38	91	305214	20.391	ug/l	99
86) Hexachloroethane	12.59	117	63859	20.816	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	192645	21.237	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	28349	20.284	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	124664	20.821	ug/l	99
90) Hexachlorobutadiene	13.77	225	64150	21.442	ug/l	97
91) Naphthalene	13.83	128	366876	20.299	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	128284	21.049	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

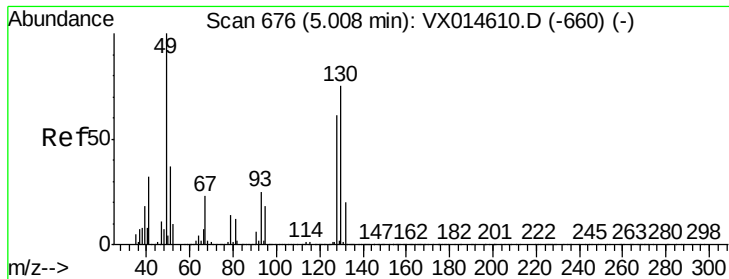
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

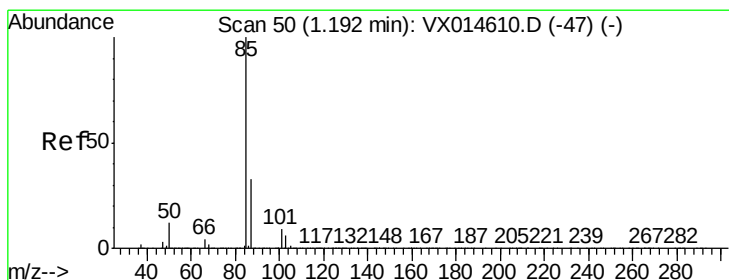
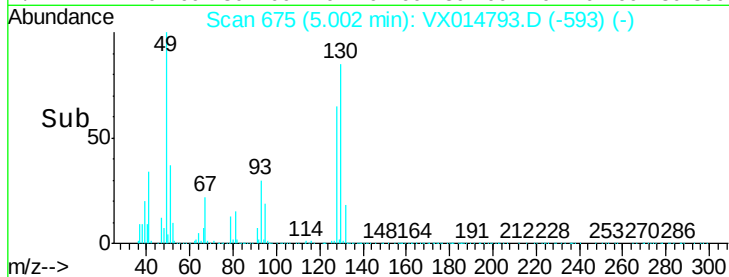
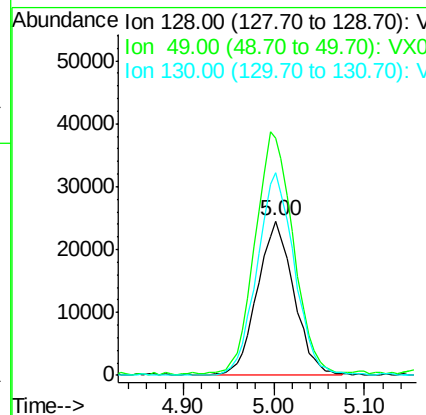
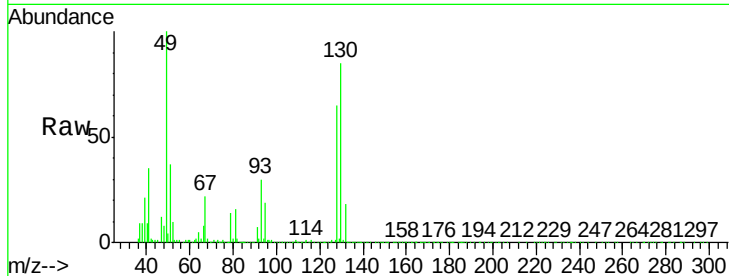
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
49	164.0	0.0	405.0
130	133.8	0.0	321.5

Manual Integrations
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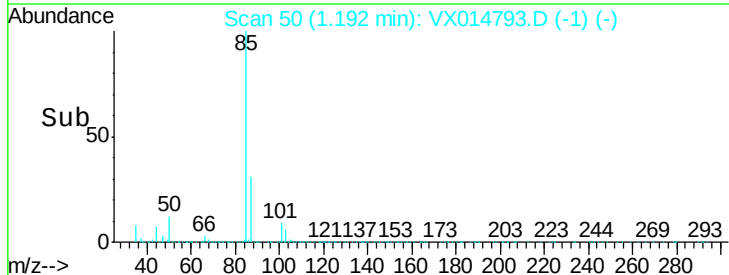
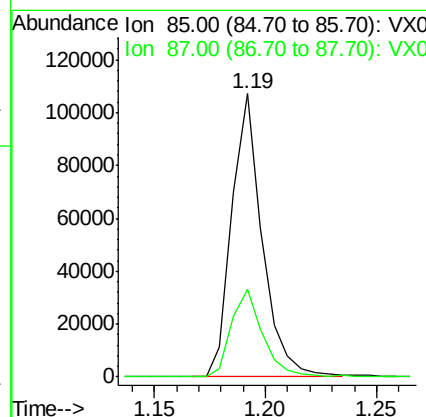
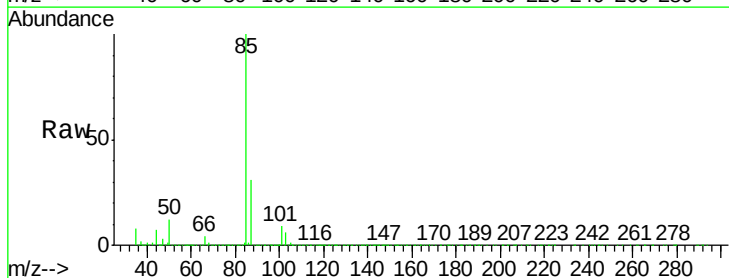
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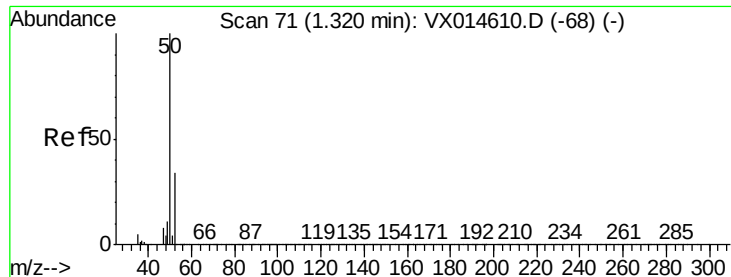


#2

Dichlorodifluoromethane
 Concen: 21.583 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.3	48.9





#3

Chloromethane

Concen: 20.656 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBS02

Tot Ion: 50 Resp: 106471

Ion Ratio Lower Upper

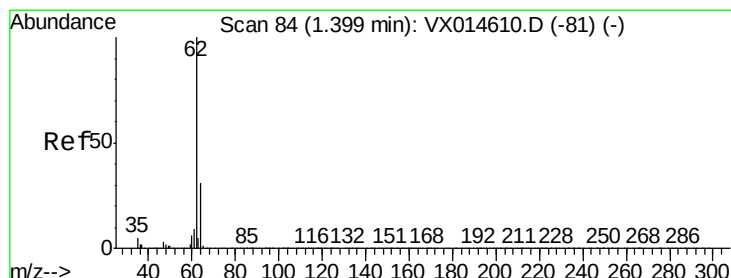
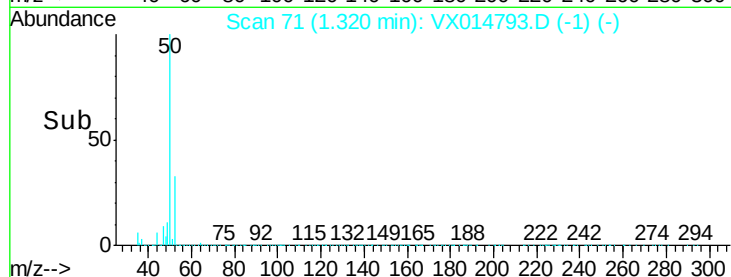
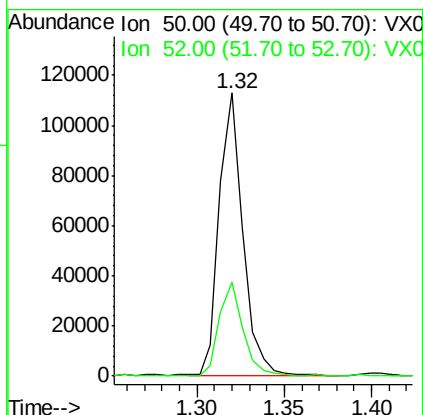
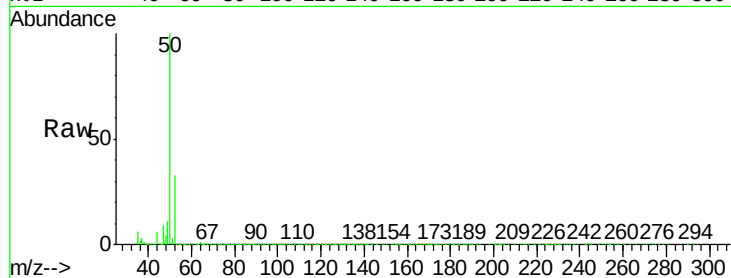
50 100

52 33.3 24.3 36.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.105 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014793.D

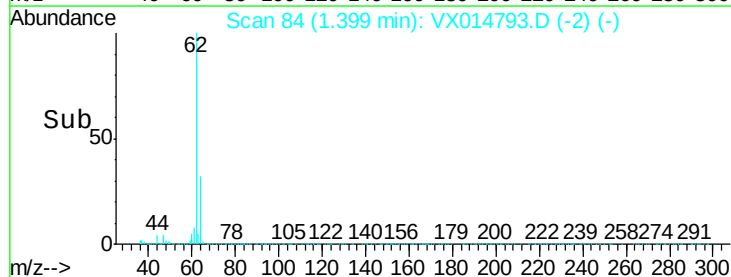
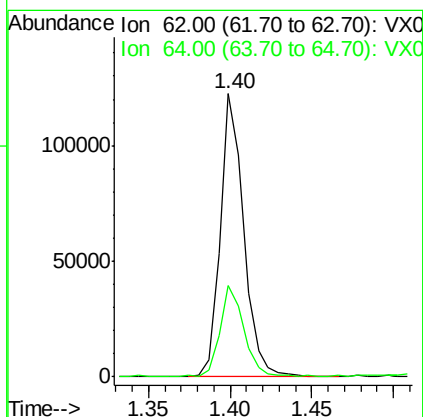
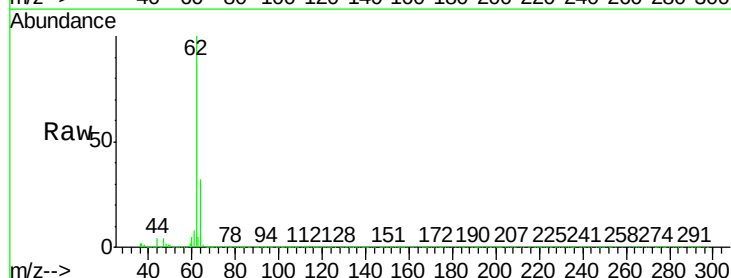
Acq: 03 Feb 2020 13:44

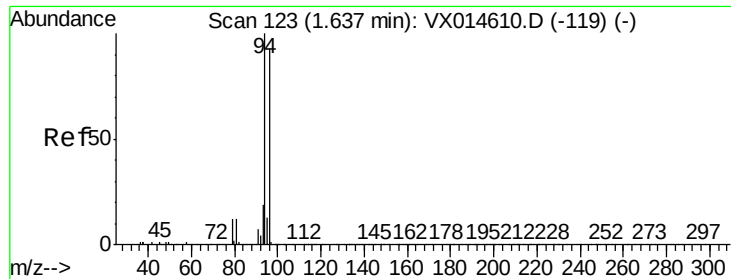
Tgt Ion: 62 Resp: 122145

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 19.911 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBS02

Tot Ion: 94 Resp: 71908

Ion Ratio Lower Upper

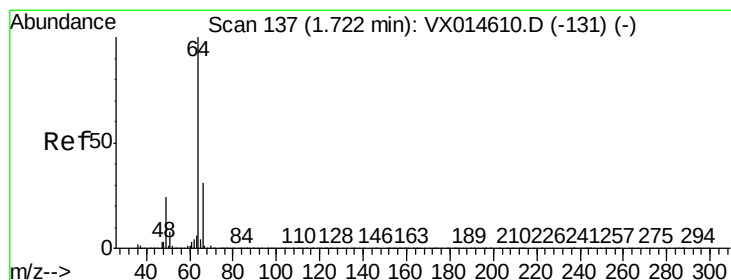
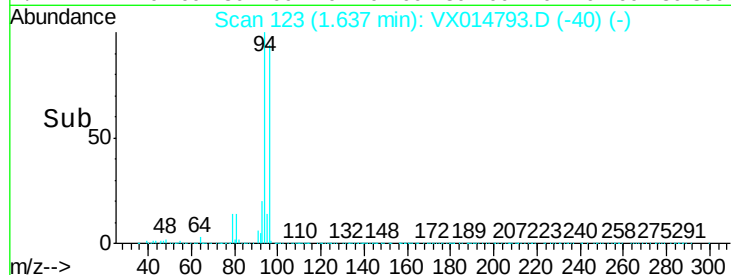
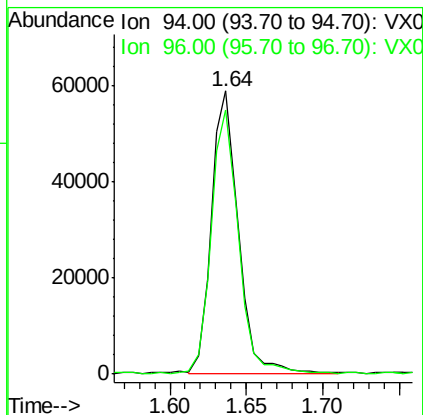
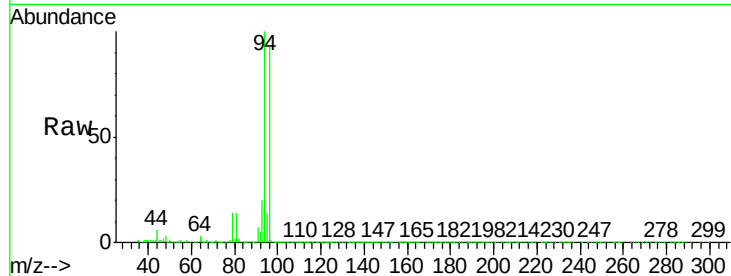
94 100

96 93.4 74.4 111.6

Manual Integrations
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#6

Chloroethane

Concen: 21.225 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014793.D

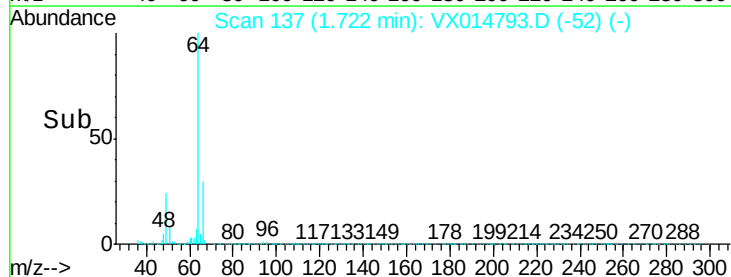
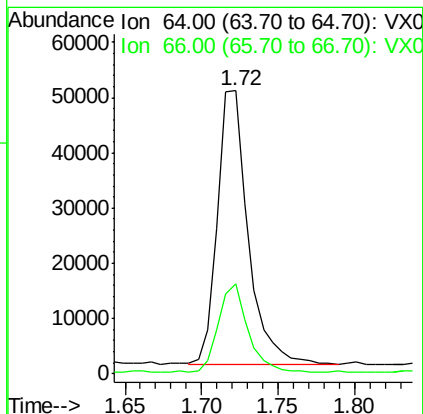
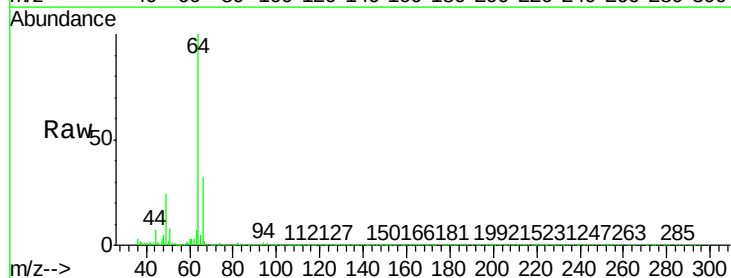
Acq: 03 Feb 2020 13:44

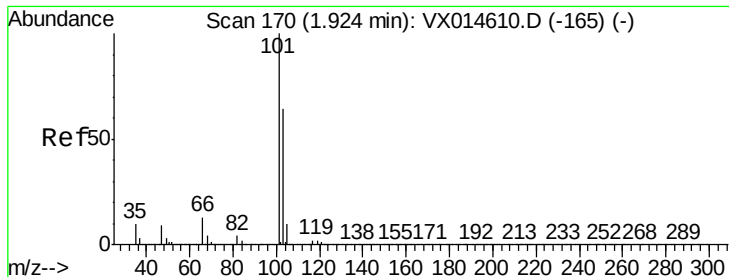
Tgt Ion: 64 Resp: 69248

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8





#7

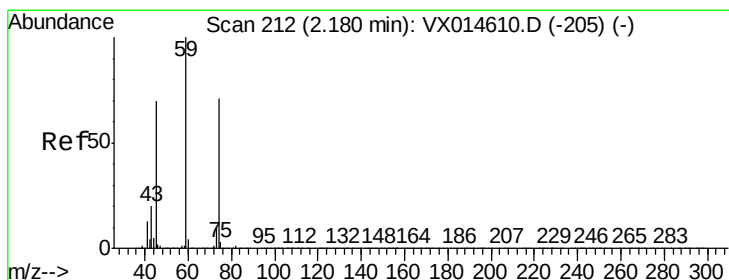
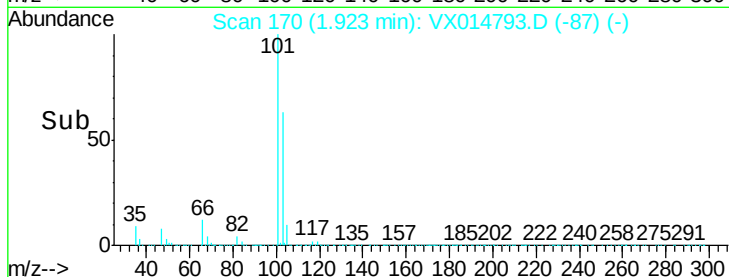
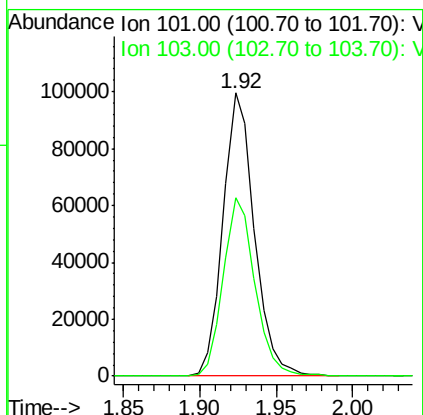
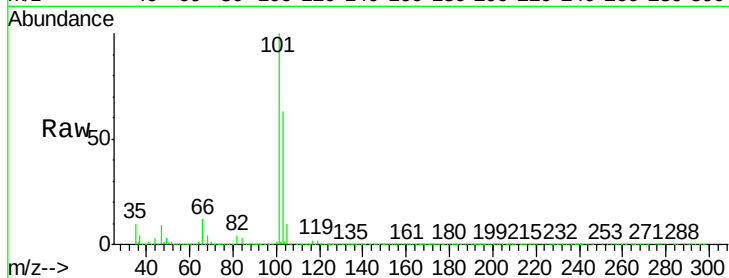
Trichlorofluoromethane
Concen: 21.990 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.6	77.4

Manual Integrations
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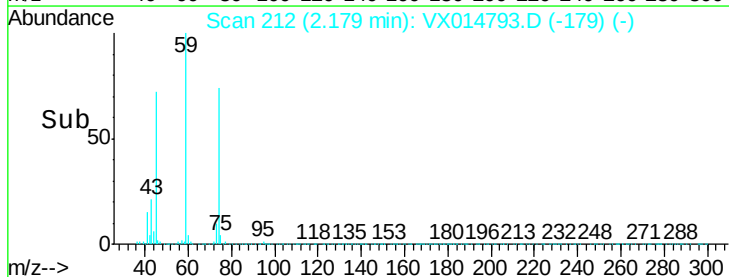
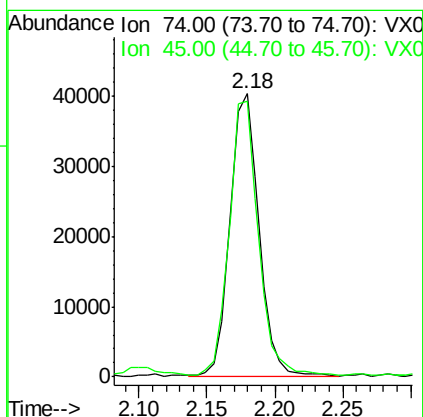
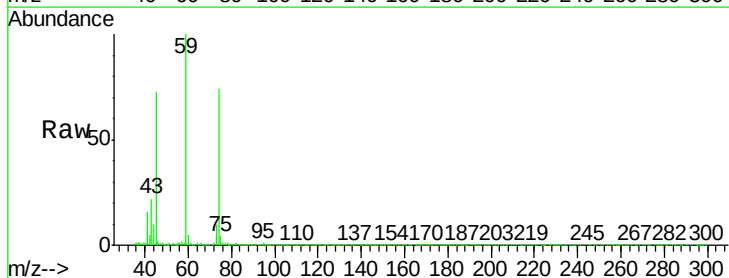
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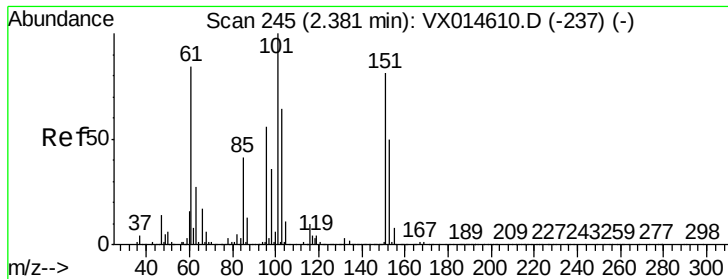


#8

Diethyl Ether
Concen: 21.368 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.195 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

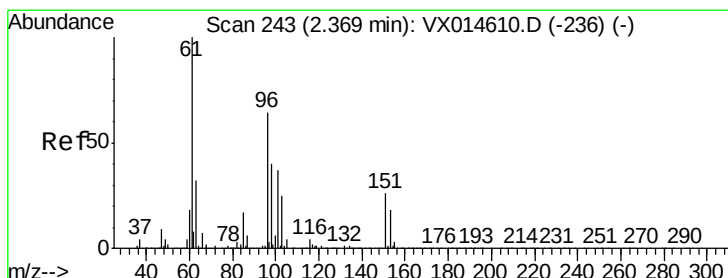
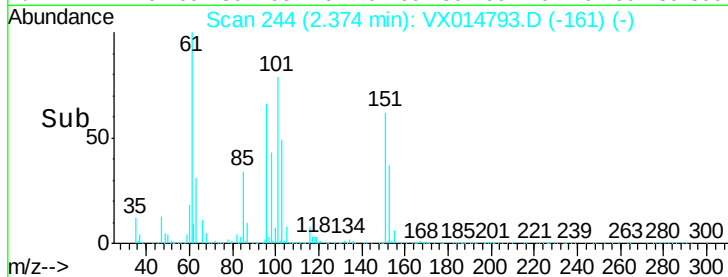
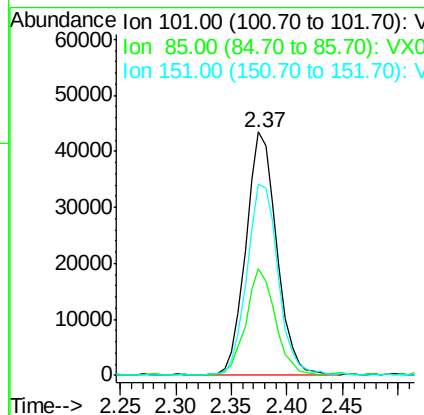
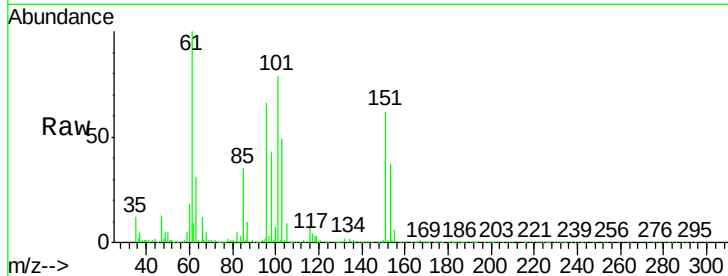
ClientSampleId :

VX0203WBS02

Tot Ion:	101	Resp:	83213
Ion Ratio	Lower	Upper	
101	100		
85	41.3	0.0	85.6
151	80.2	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.977 ug/l

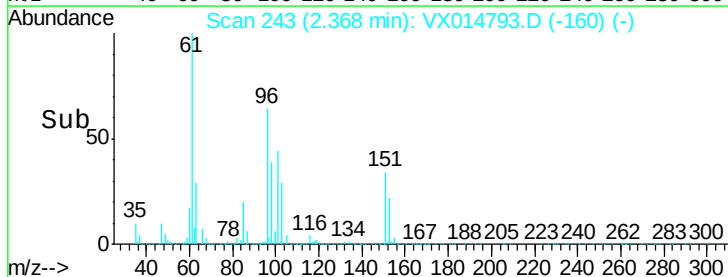
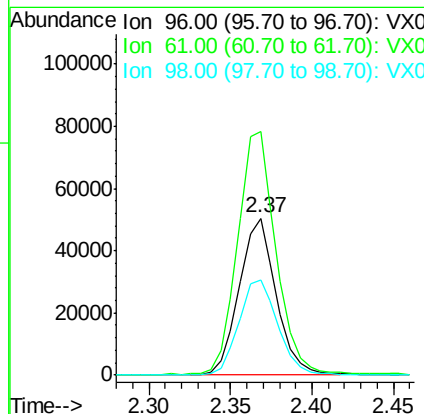
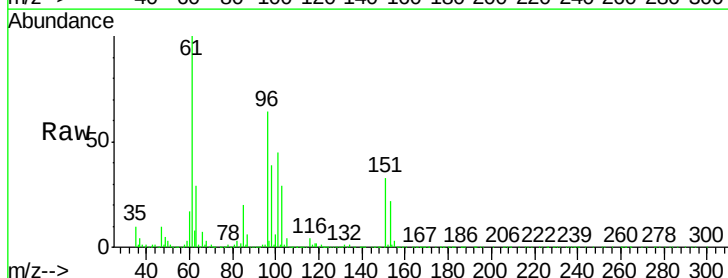
RT: 2.37 min Scan# 243

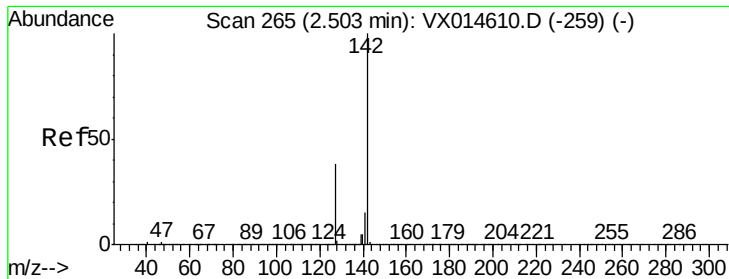
Delta R.T. 0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Tgt Ion:	96	Resp:	79106
Ion Ratio	Lower	Upper	
96	100		
61	155.3	123.0	184.6
98	60.3	51.4	77.0





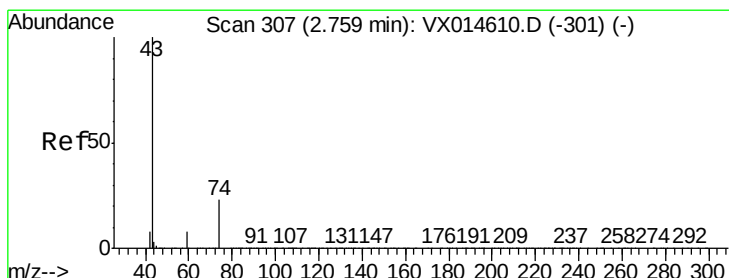
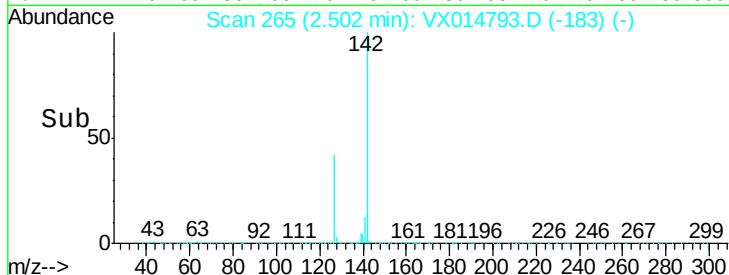
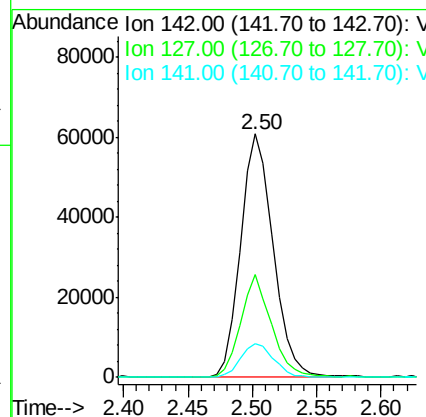
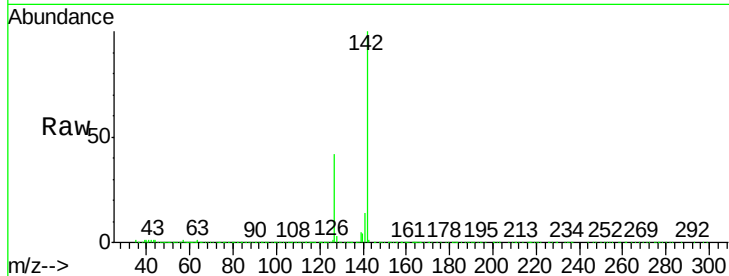
#11
Methvl Iodide
Concen: 21.087 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.0	19.5	58.5
141	13.6	7.0	20.9

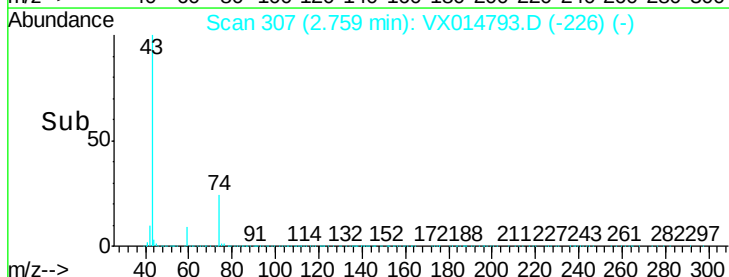
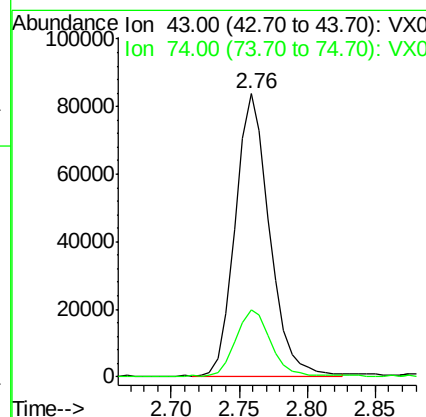
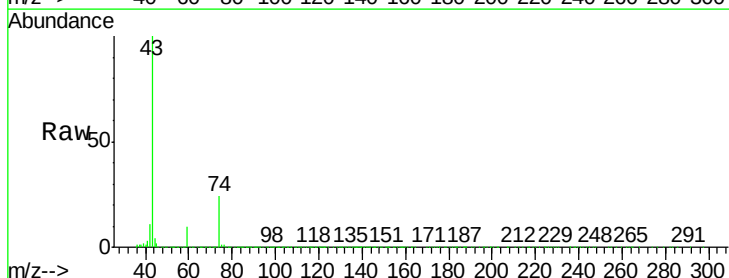
Manual Integrations
APPROVED

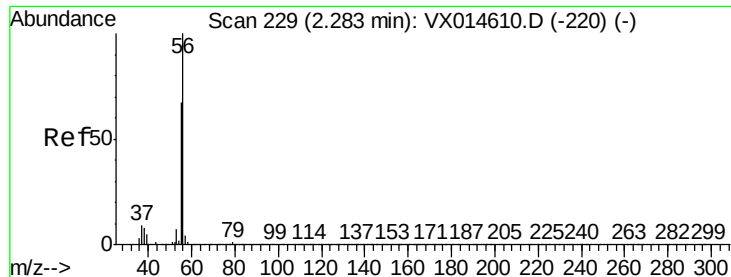
MMDadoda
2/4/2020 3:32:17 PM



#12
Methyl Acetate
Concen: 21.433 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.5	27.7





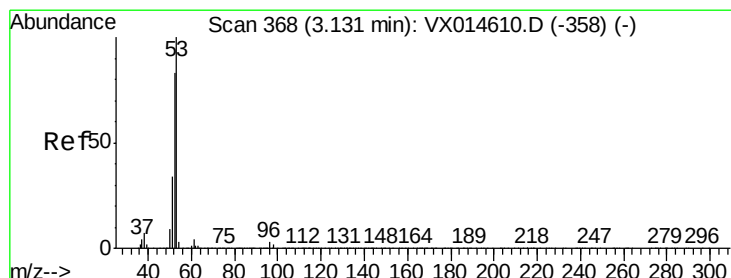
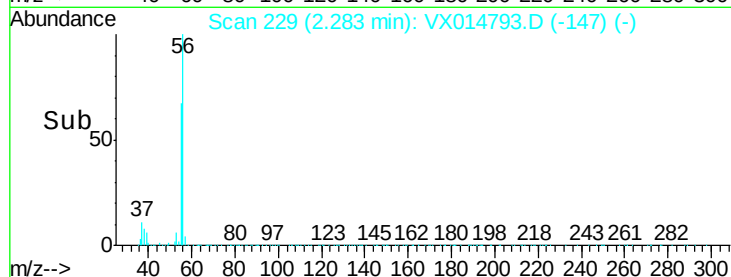
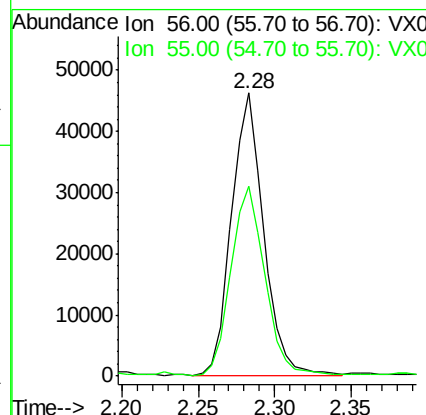
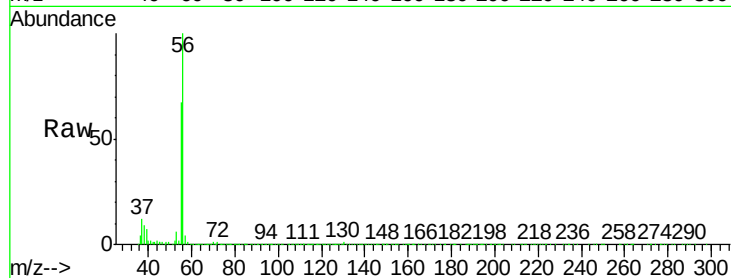
#13
Acrolein
Concen: 93.972 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.8	54.9	82.3

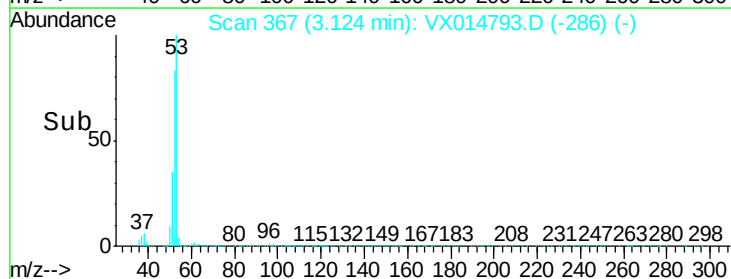
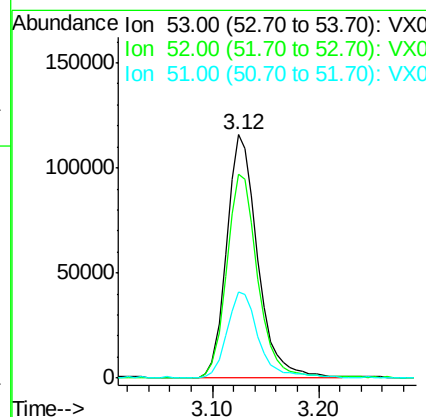
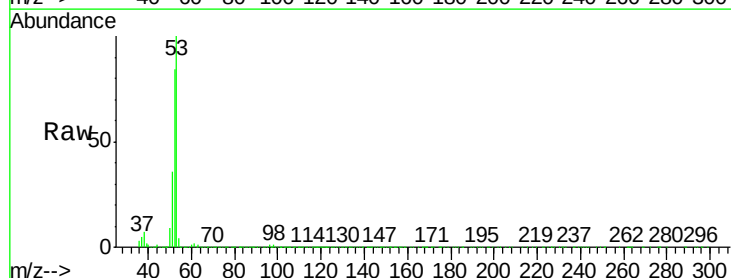
Manual Integrations
APPROVED

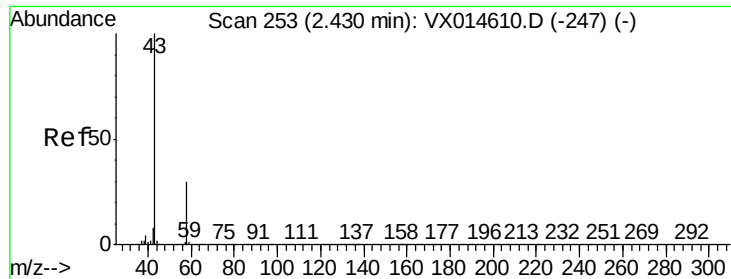
MMDadoda
2/4/2020 3:32:17 PM



#14
Acrylonitrile
Concen: 101.009 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	83.9	41.5	124.6
51	51	35.3	17.8	53.5





#15

Acetone

Concen: 95.063 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBS02

Tot Ion: 58 Resp: 74288

Ion Ratio Lower Upper

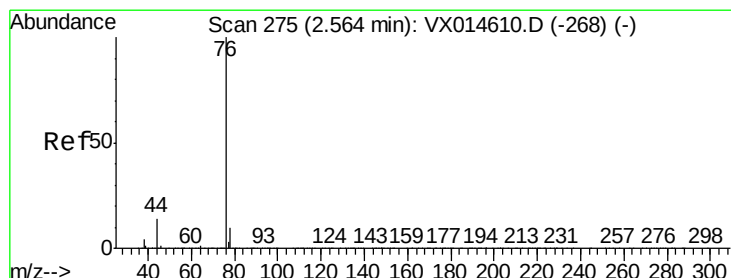
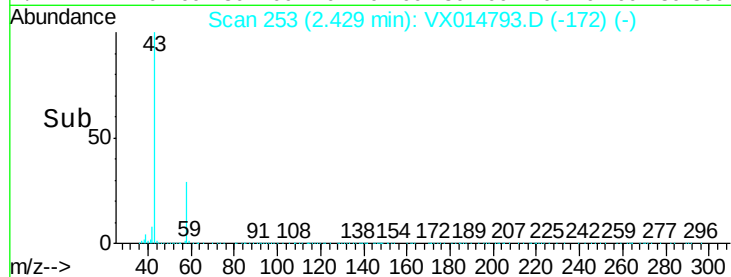
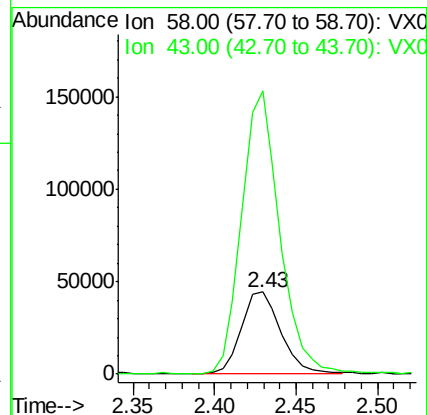
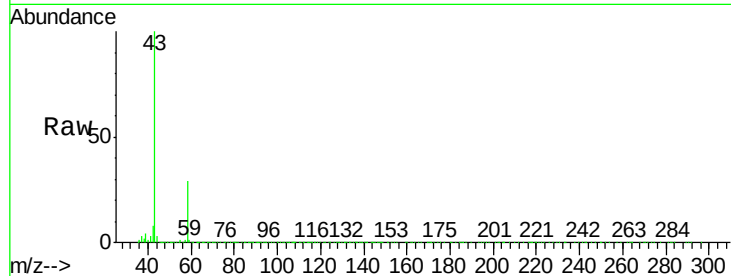
58 100

43 346.0 236.3 354.5

Manual Integrations
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2/4/2020 3:32:17 PM



#16

Carbon Disulfide

Concen: 20.337 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014793.D

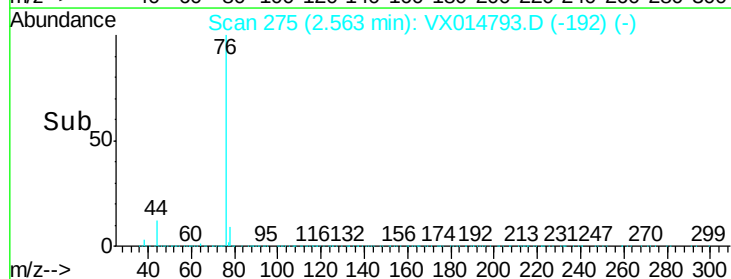
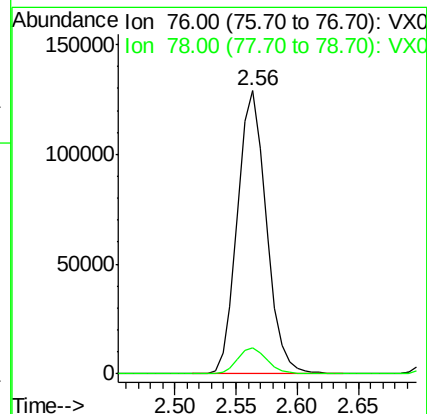
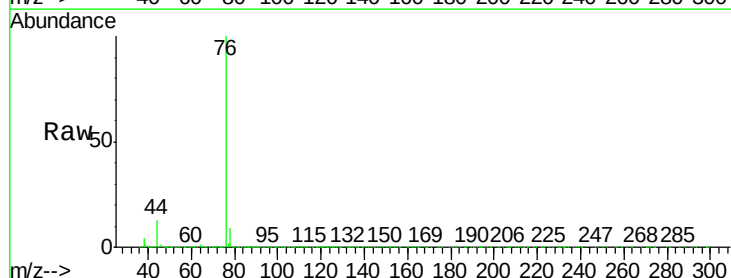
Acq: 03 Feb 2020 13:44

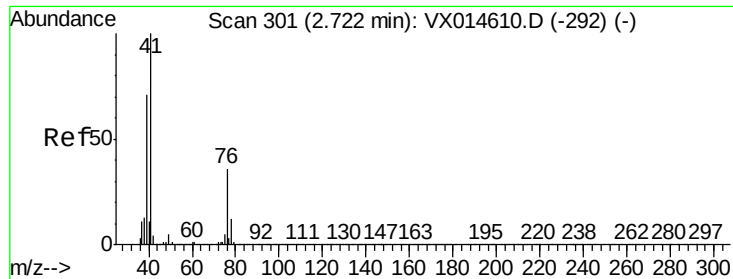
Tgt Ion: 76 Resp: 210635

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8





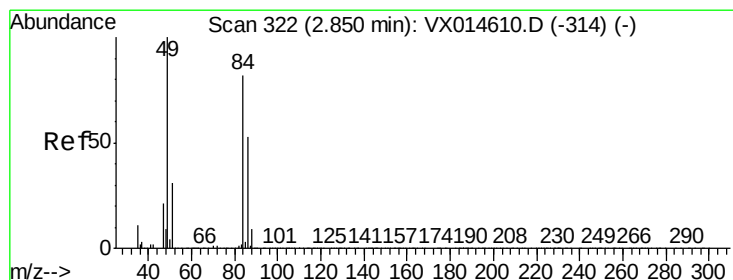
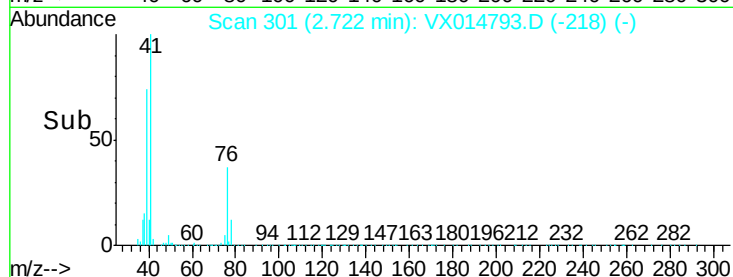
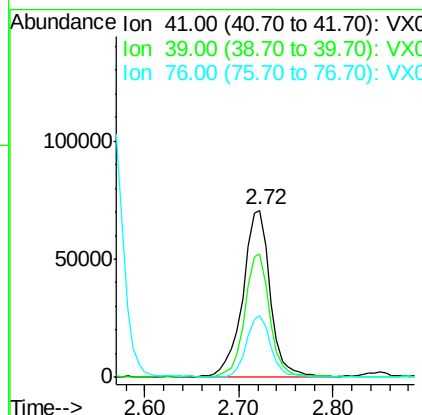
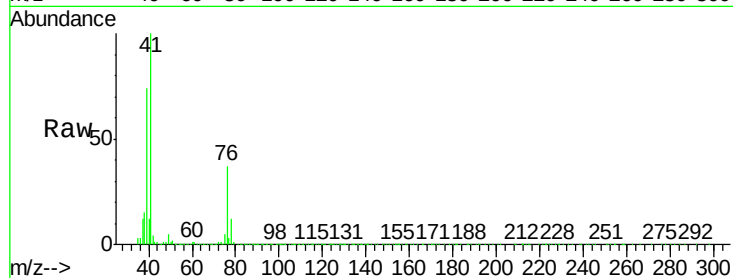
#17
Allvl chloride
Concen: 20.429 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Resp	Lower	Upper
41	100	142575		
39	73.7		33.4	100.2
76	36.9		17.0	50.9

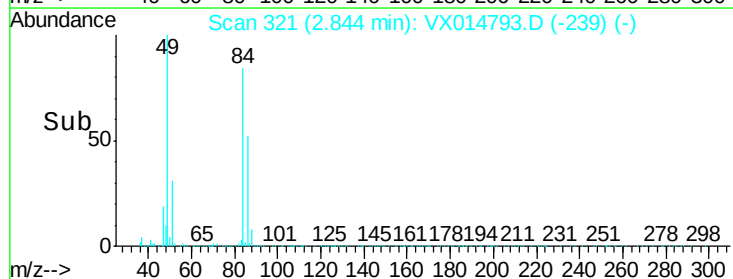
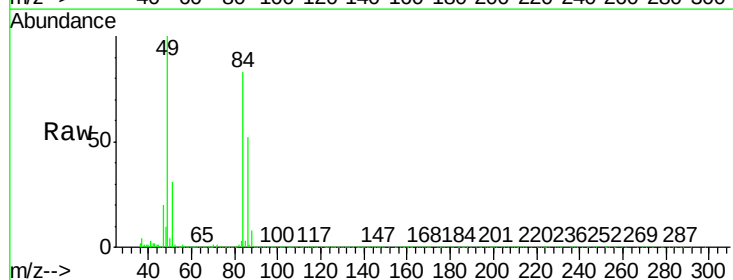
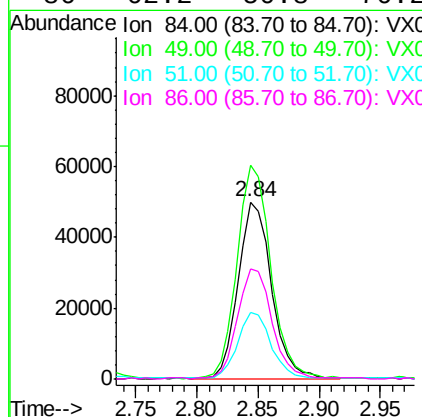
Manual Integrations
APPROVED

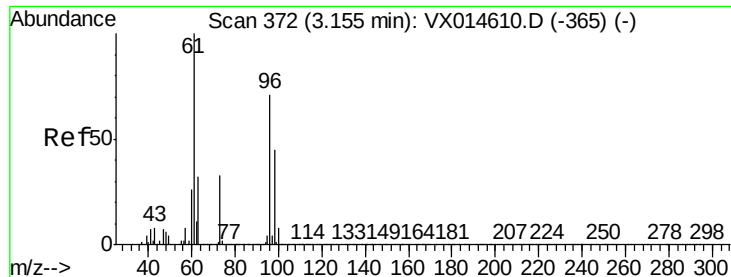
MMDadoda
2/4/2020 3:32:17 PM



#18
Methylene Chloride
Concen: 21.438 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	94617		
49	120.2		102.2	153.2
51	37.3		31.4	47.0
86	62.2		50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 20.932 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

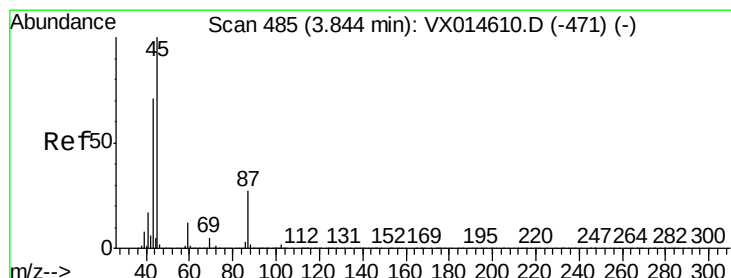
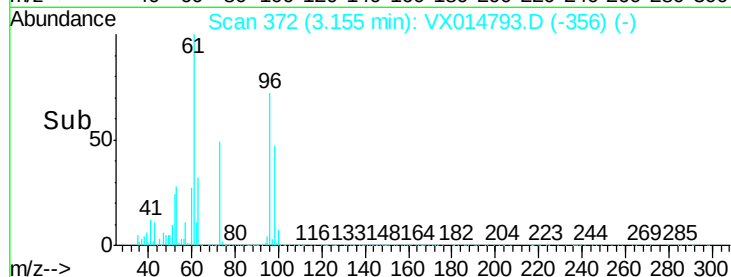
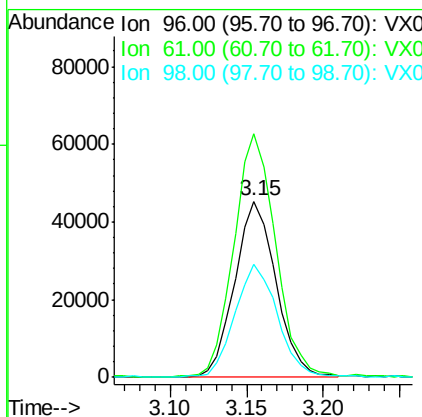
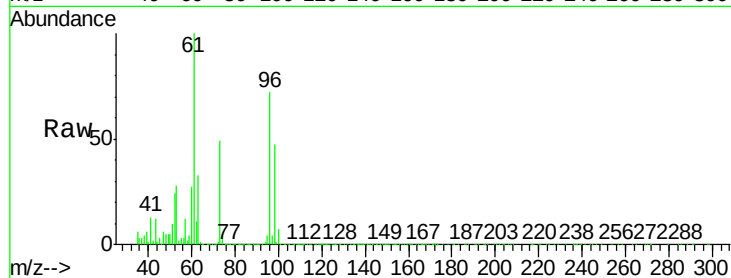
ClientSampleId :

VX0203WBS02

Tot Ion:	96	Resp:	84977
Ion	Ratio	Lower	Upper
96	100		
61	137.9	106.6	159.8
98	64.0	51.6	77.4

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:32:17 PM



#20

Diisopropyl ether

Concen: 21.605 ug/l

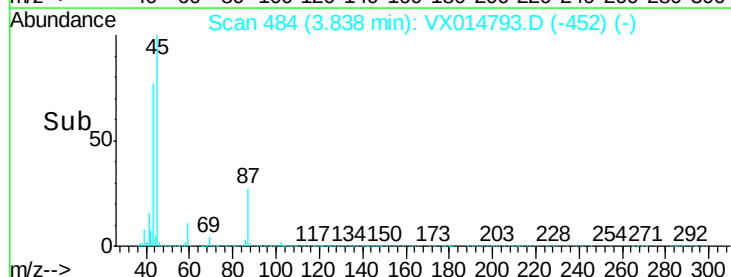
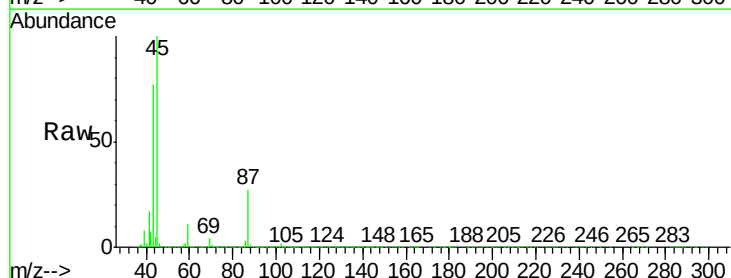
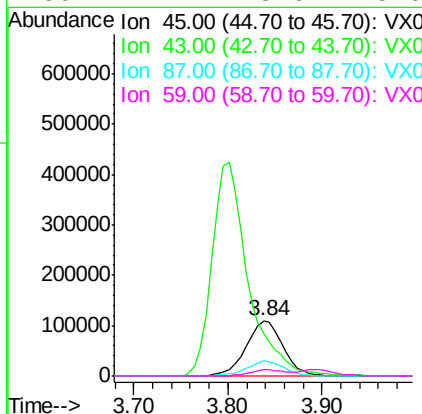
RT: 3.84 min Scan# 484

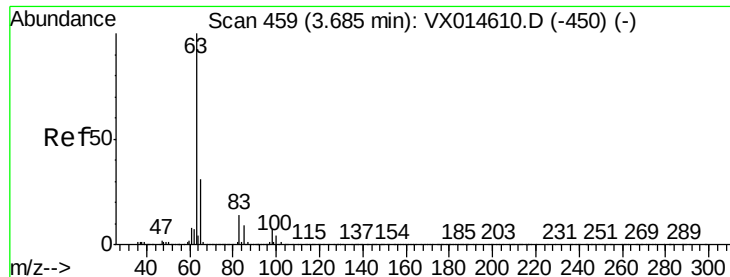
Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Tgt Ion:	45	Resp:	298324
Ion	Ratio	Lower	Upper
45	100		
43	74.7	55.9	83.9
87	26.8	22.2	33.2
59	11.2	8.6	13.0





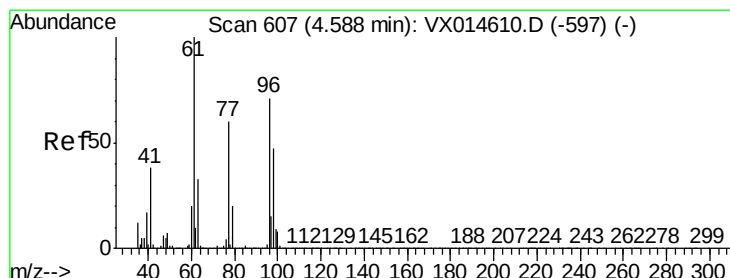
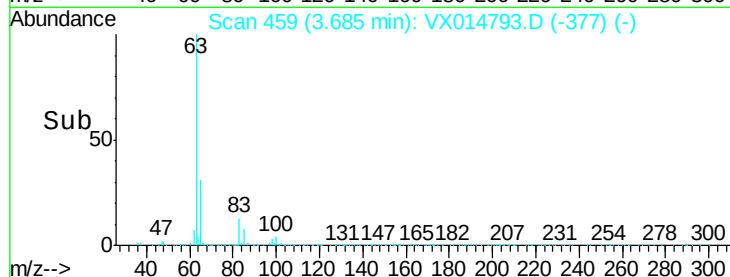
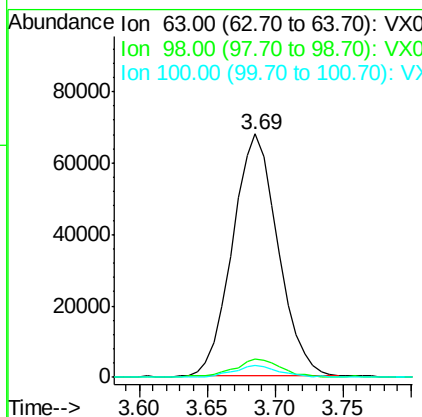
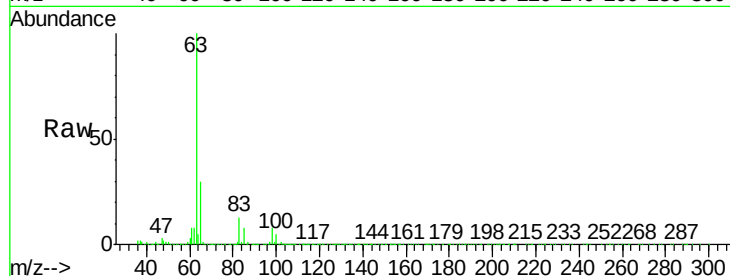
#21
1,1-Dichloroethane
Concen: 21.122 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.4	10.1
100	4.7	2.5	7.4

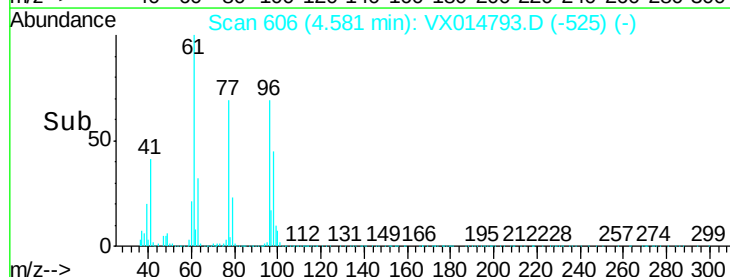
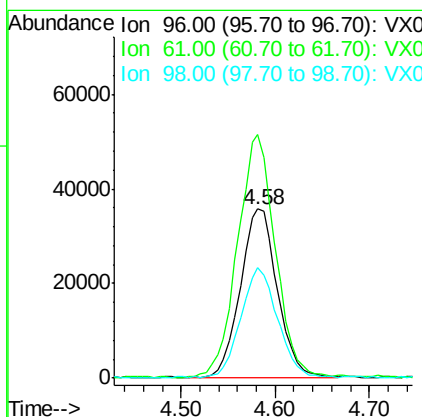
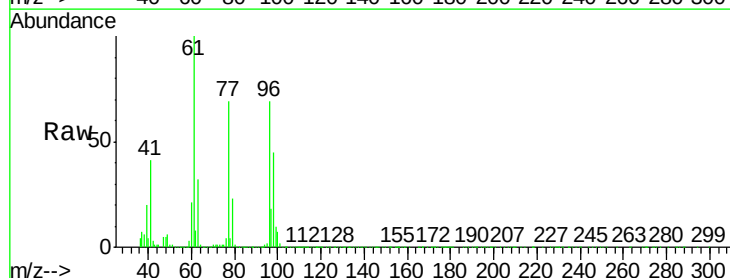
Manual Integrations
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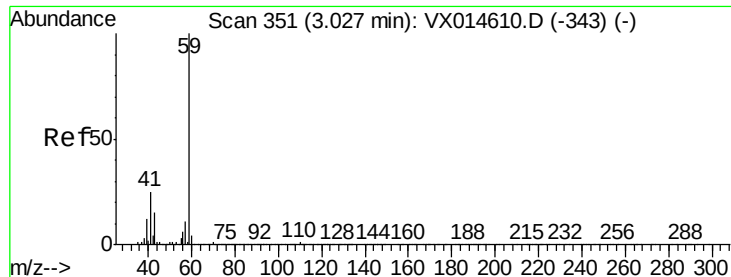
MMDadoda
2/4/2020 3:32:17 PM



#22
cis-1,2-Dichloroethene
Concen: 21.176 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.5	112.4	168.6
98	64.1	50.3	75.5





#23

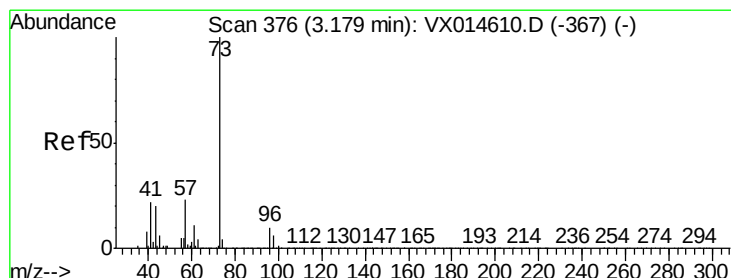
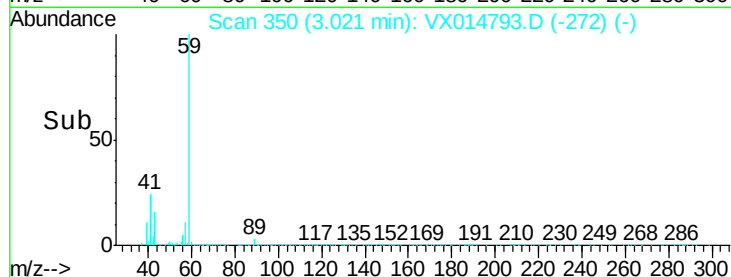
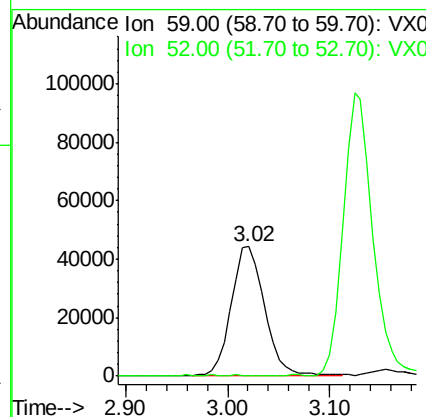
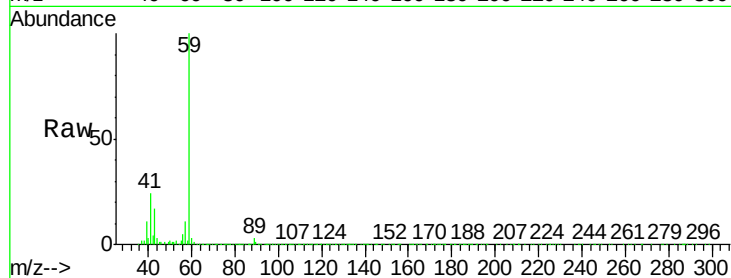
tert-Butyl Alcohol
 Concen: 103.055 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
52	52	0.7	0.2	0.2#

Manual Integrations
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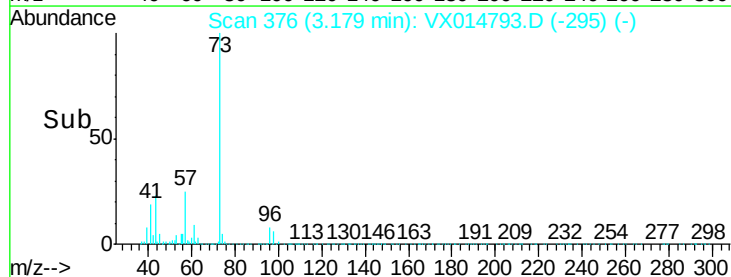
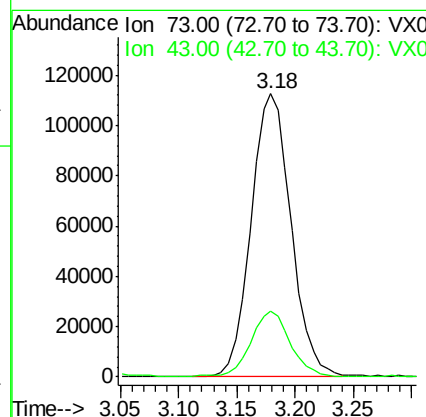
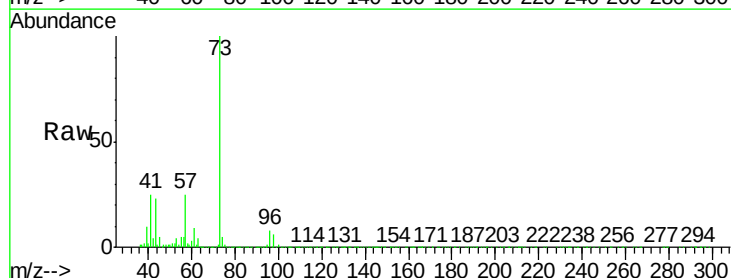
MMDadoda
 2/4/2020 3:32:17 PM

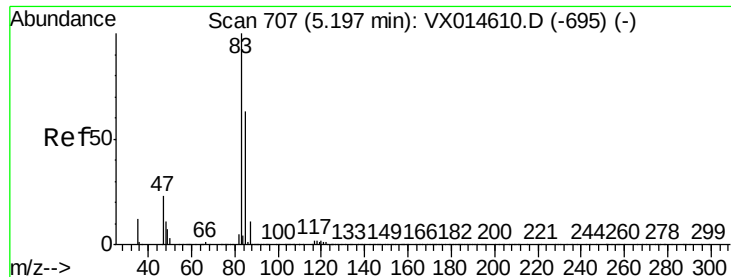


#24

Methyl tert-Butyl Ether
 Concen: 21.350 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion	Ion	Ratio	Lower	Upper
73	73	100		
43	43	23.3	16.6	25.0





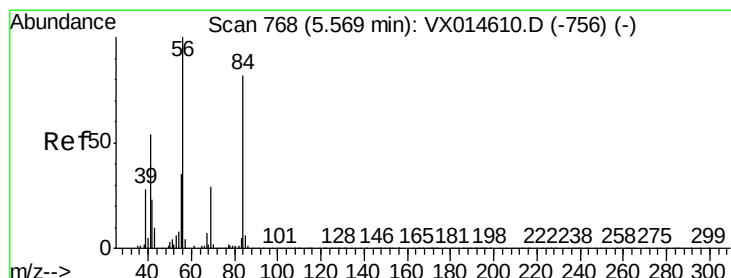
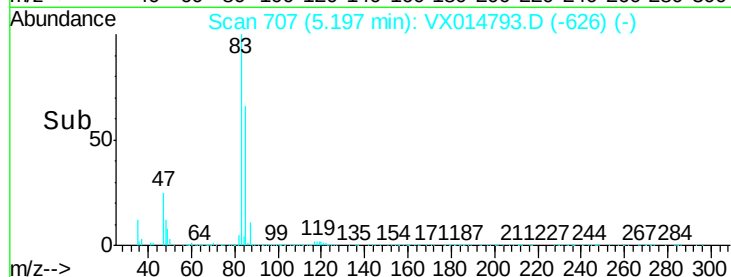
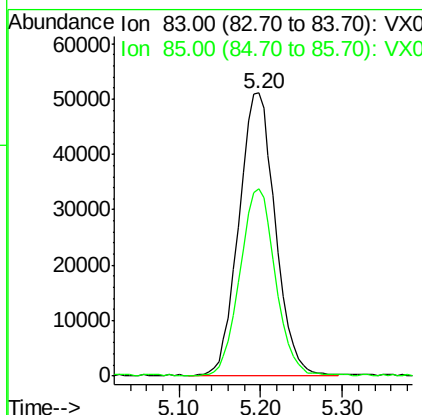
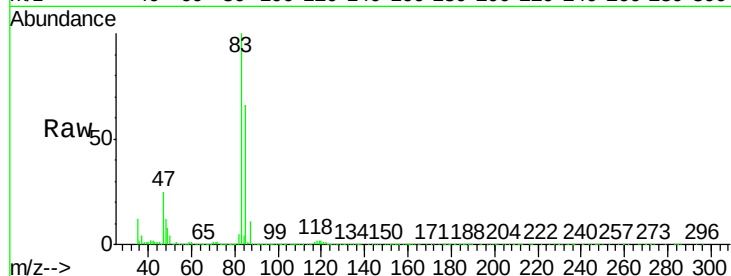
#25
Chloroform
Concen: 21.679 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	83	Resp	157535
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	52.7	79.1

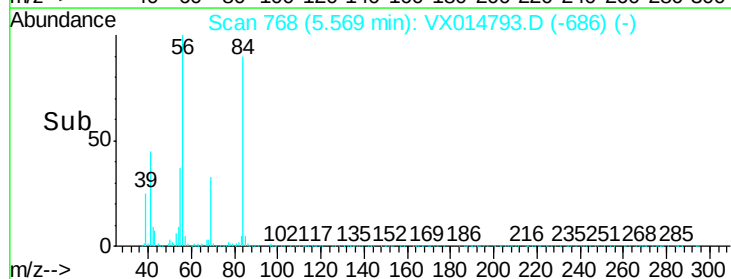
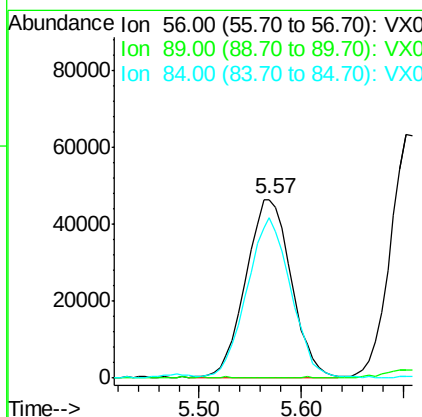
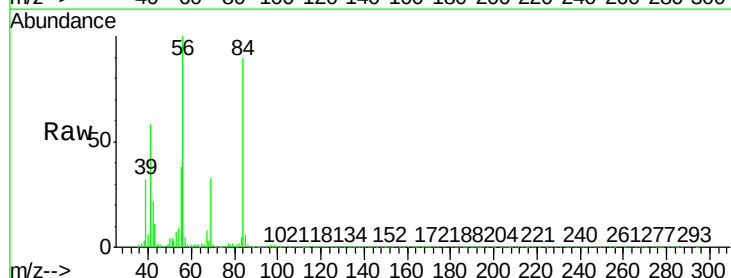
Manual Integrations
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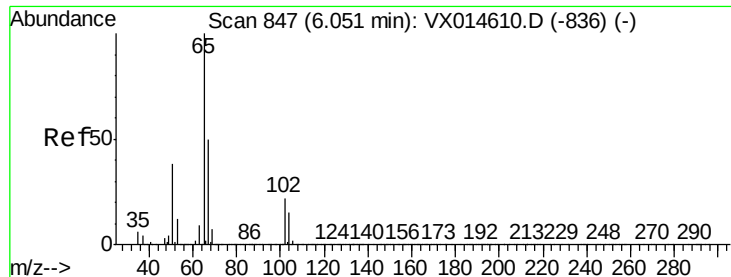
MMDadoda
2/4/2020 3:32:17 PM



#26
Cyclohexane
Concen: 20.721 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	56	Resp	143372
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.1	0.1#
84	86.6	70.8	106.2





#27

1,2-Dichloroethane-d4

Concen: 31.485 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBS02

Tot Ion: 65 Resp: 150755

Ion Ratio Lower Upper

65 100

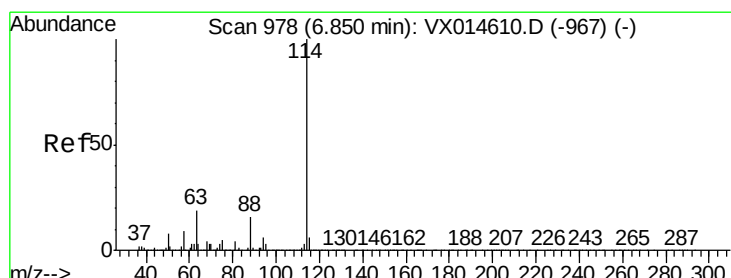
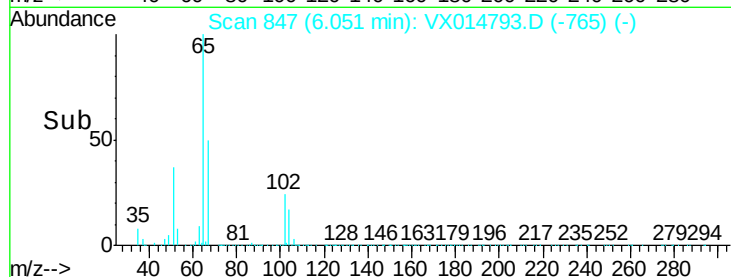
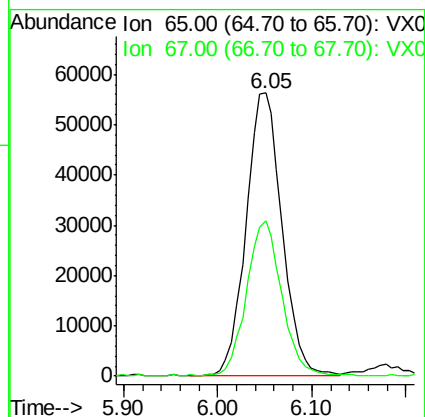
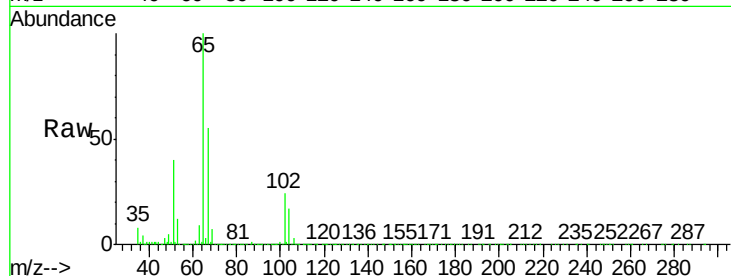
67 53.0 43.1 64.7

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

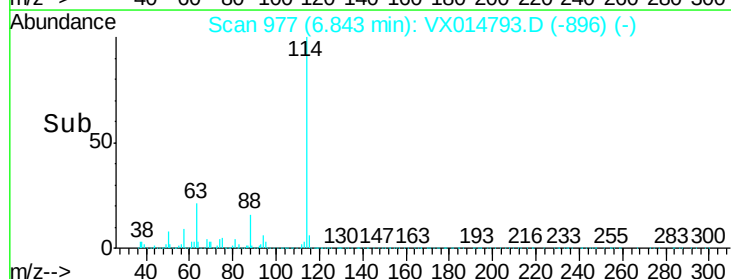
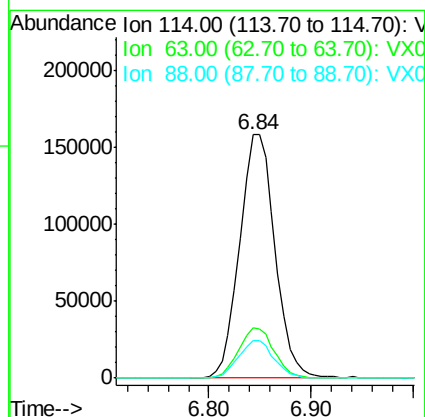
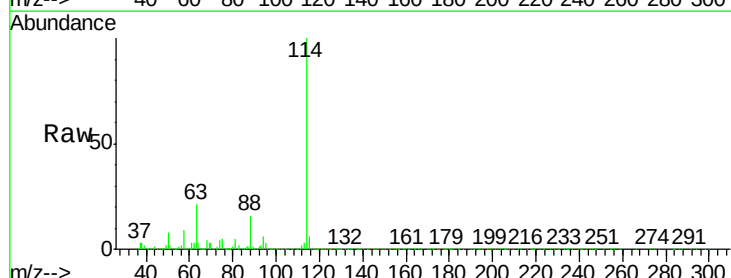
Tgt Ion: 114 Resp: 380425

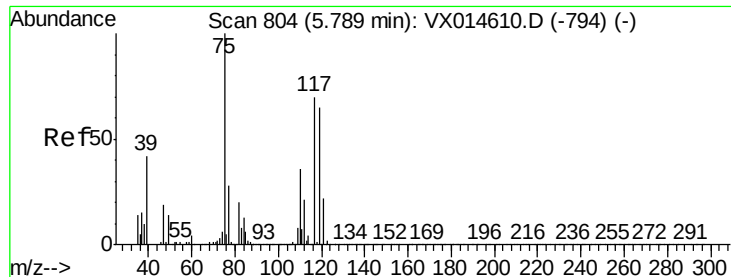
Ion Ratio Lower Upper

114 100

63 20.8 16.1 24.1

88 15.5 12.5 18.7





#29

1,1-Dichloropropene

Concen: 21.044 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

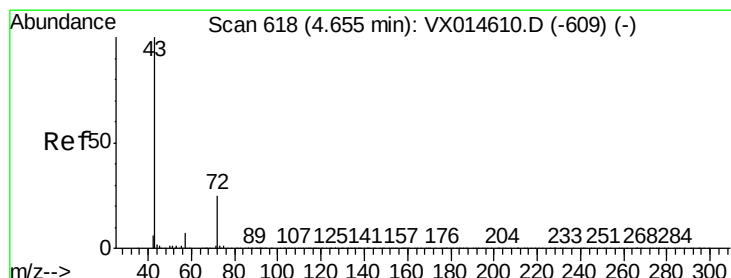
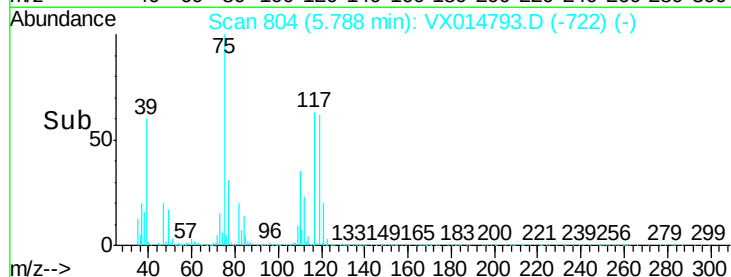
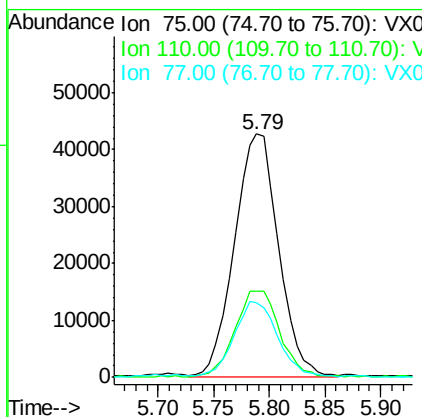
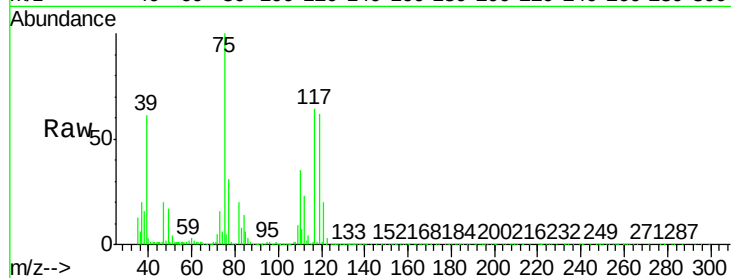
ClientSampled :

VX0203WBS02

Tot Ion:	75	Resp:	117412
Ion Ratio	Lower	Upper	
75	100		
110	35.9	0.0	73.8
77	30.5	0.0	62.4

Manual Integrations
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#30

2-Butanone

Concen: 97.944 ug/l

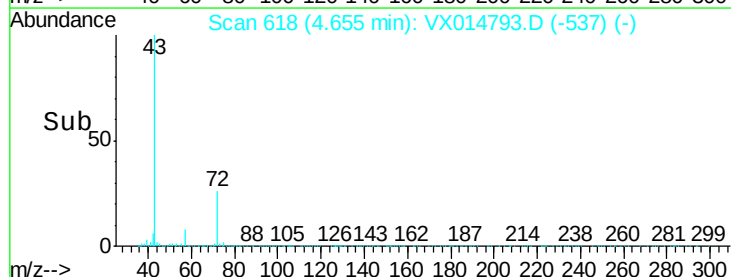
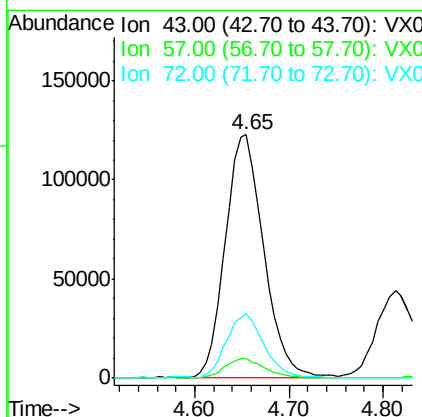
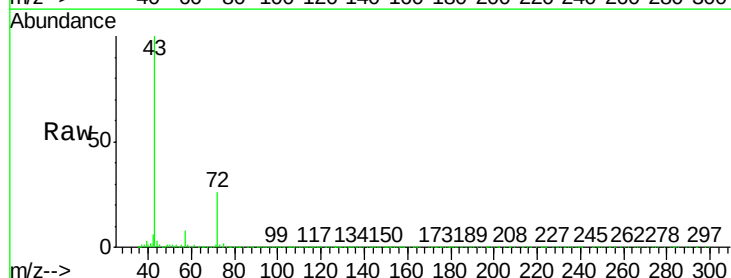
RT: 4.65 min Scan# 618

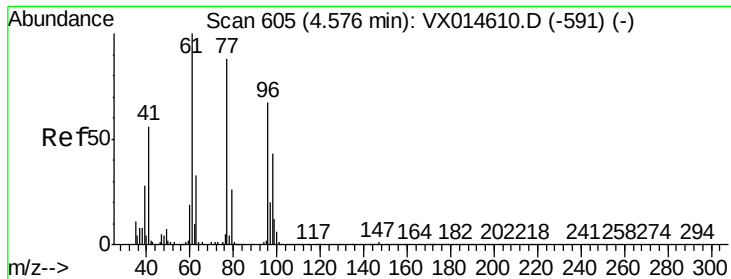
Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Tgt Ion:	43	Resp:	346156
Ion Ratio	Lower	Upper	
43	100		
57	8.0	6.2	9.2
72	25.3	20.3	30.5





#31

2,2-Dichloropropane

Concen: 21.475 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBS02

Tot Ion: 77 Resp: 128199

Ion Ratio Lower Upper

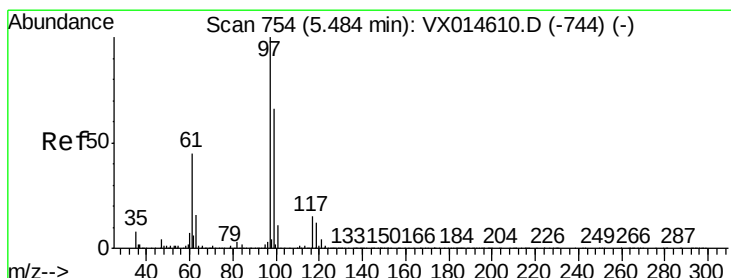
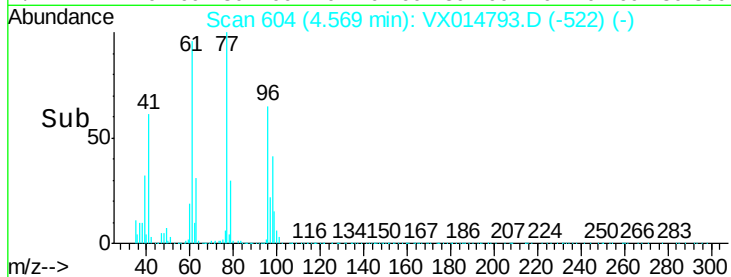
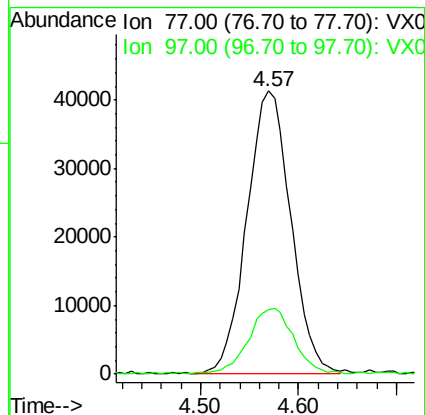
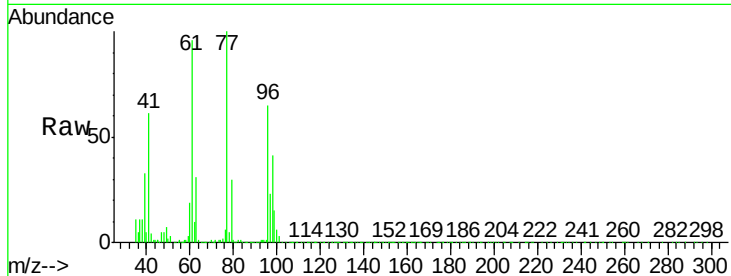
77 100

97 23.9 19.7 29.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.647 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

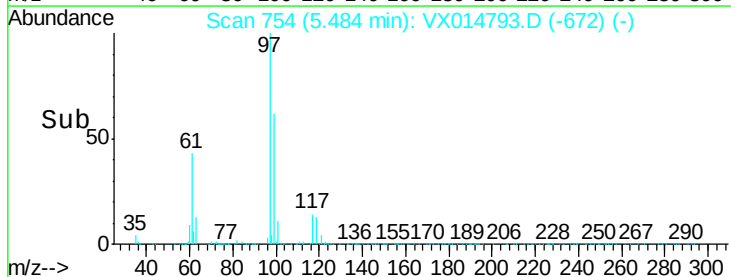
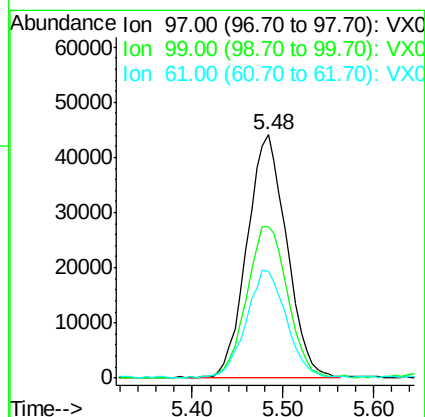
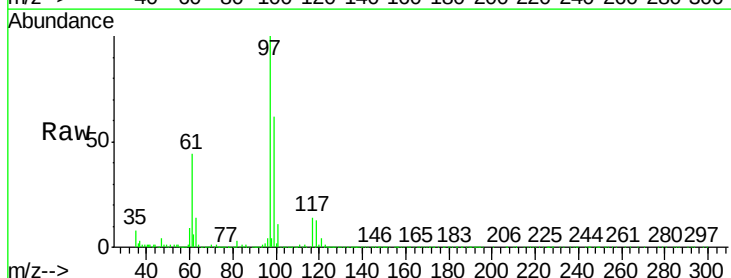
Tgt Ion: 97 Resp: 133612

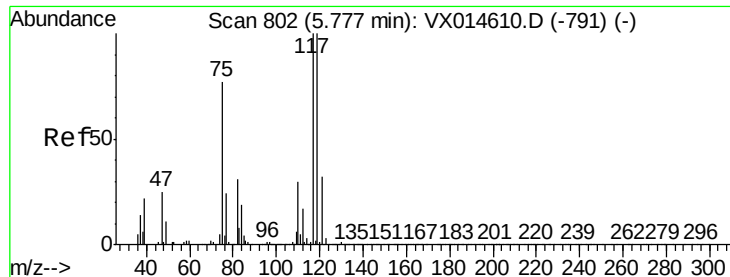
Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 45.1 36.8 55.2





#33

Carbon Tetrachloride

Concen: 21.627 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

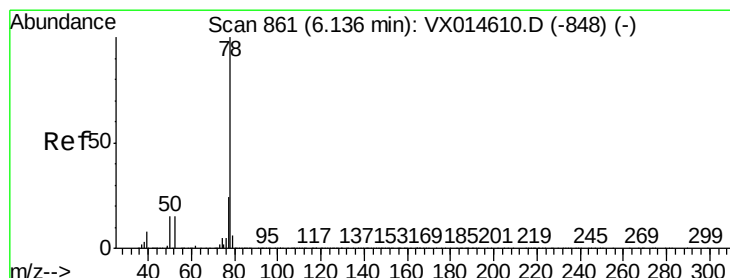
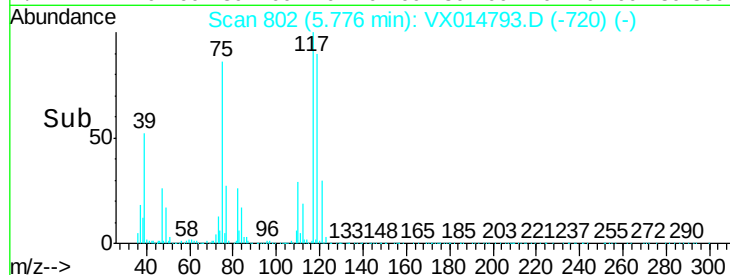
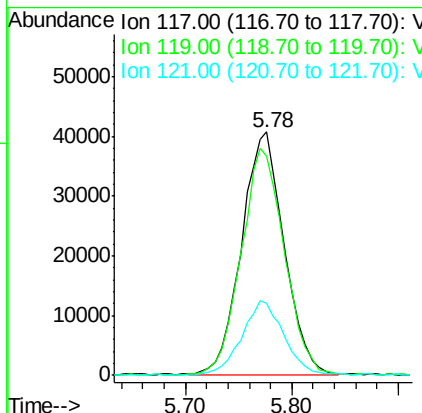
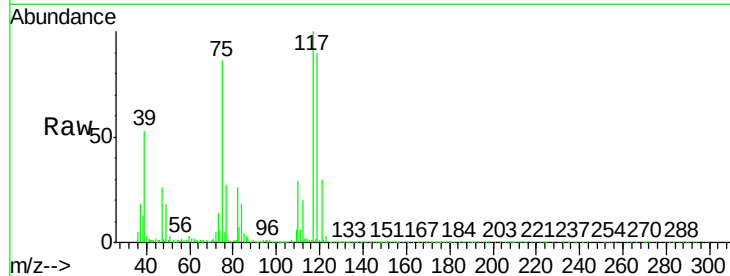
ClientSampled :

VX0203WBS02

Tot Ion:	117	Resp:	114604
Ion Ratio	Lower	Upper	
117	100		
119	90.2	77.2	115.8
121	29.4	24.8	37.2

Manual Integrations
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#34

Benzene

Concen: 21.047 ug/l

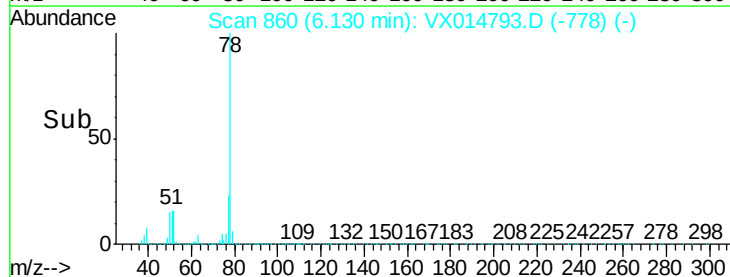
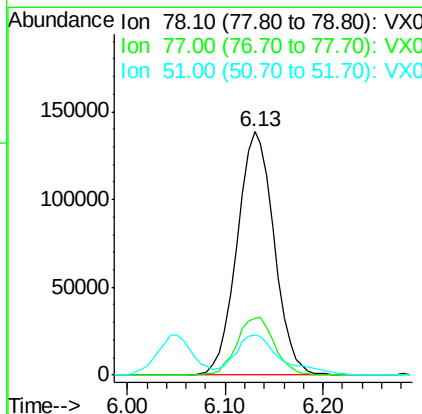
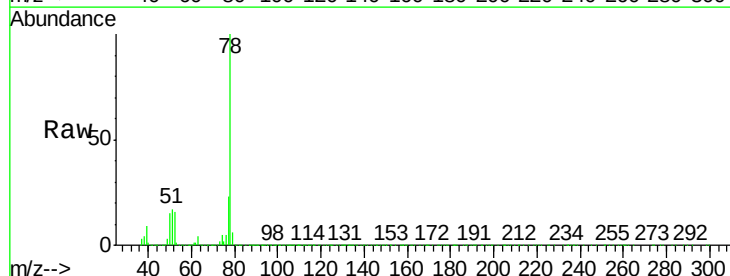
RT: 6.13 min Scan# 860

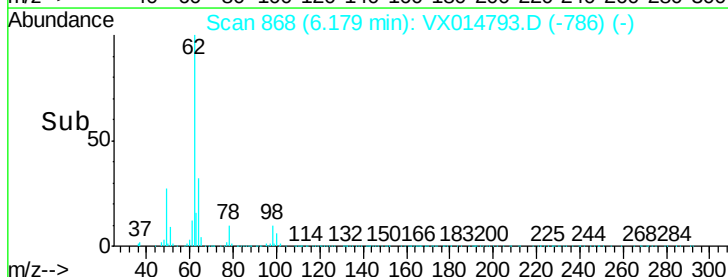
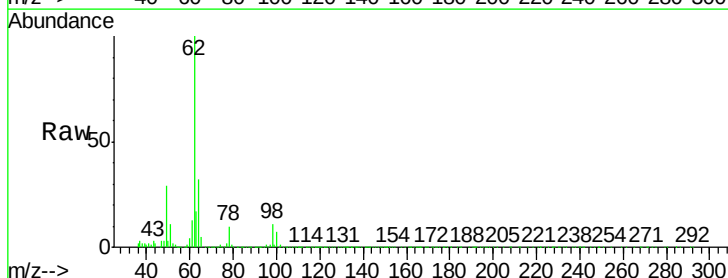
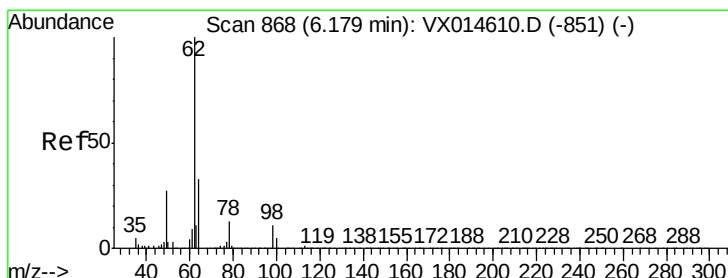
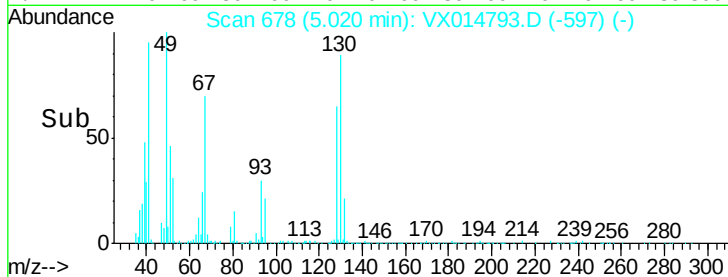
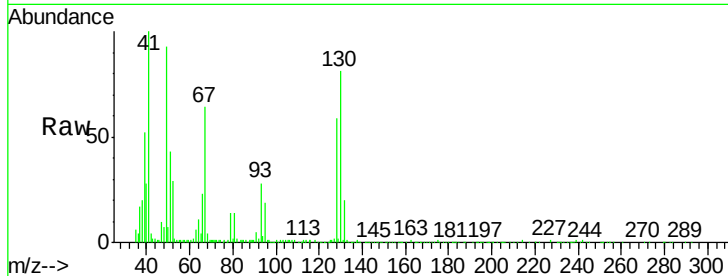
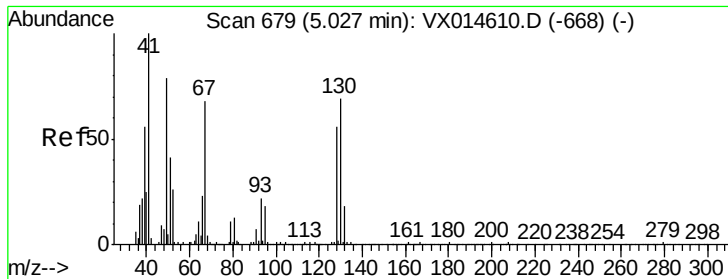
Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

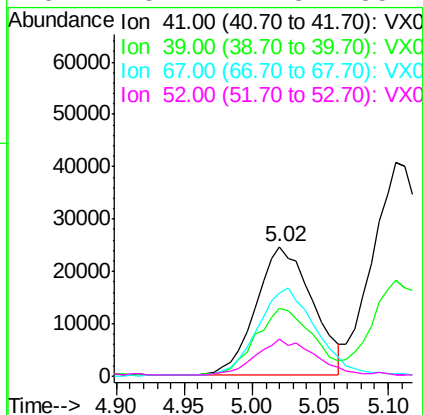
Tgt Ion:	78	Resp:	362865
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.2	27.2
51	16.3	12.4	18.6





#35
Methacrylonitrile
Concen: 20.228 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.6	26.7	80.1	
67	63.4	31.5	94.5	
52	28.2	12.8	38.4	



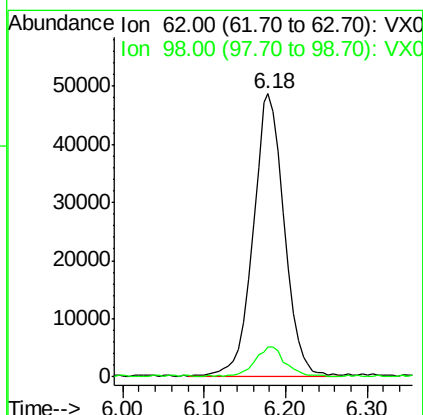
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

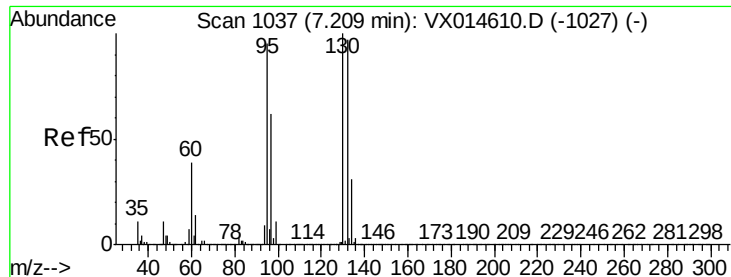
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 21.378 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	8.4	12.6	





#37

Trichloroethene

Concen: 21.225 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampled :

VX0203WBS02

Tot Ion:130 Resp: 100192

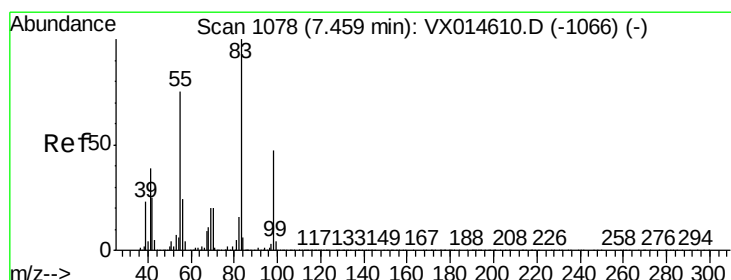
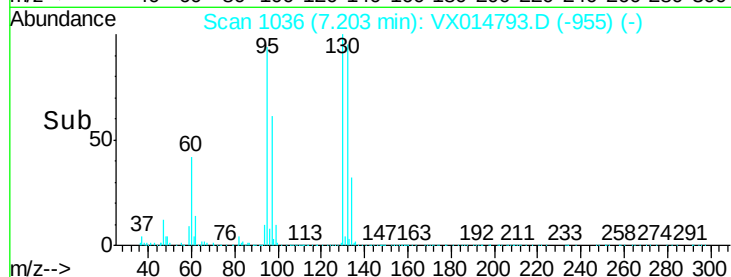
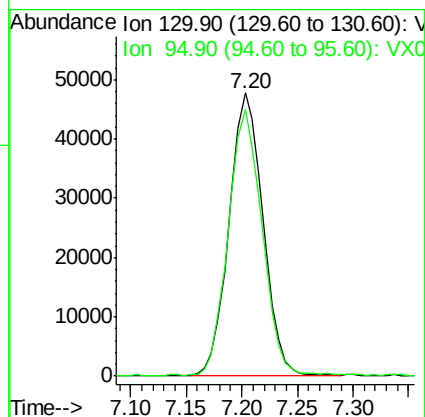
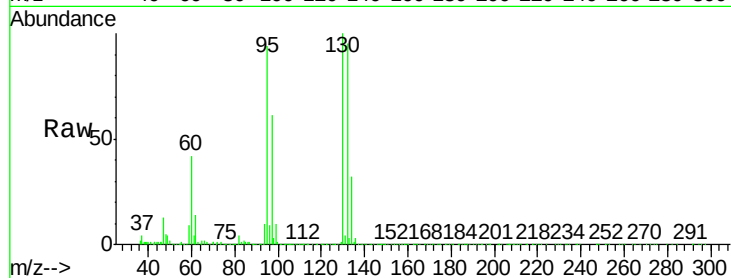
Ion Ratio Lower Upper

130 100

95 94.1 71.7 107.5

Manual Integrations
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#38

Methylcyclohexane

Concen: 19.971 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

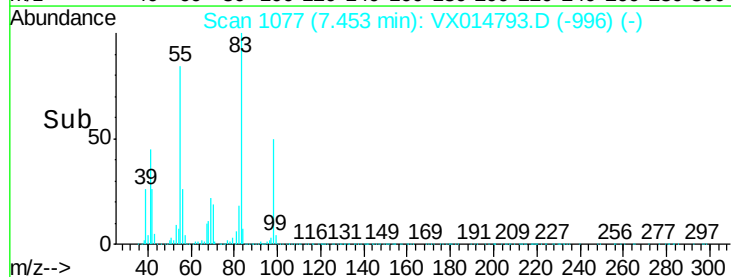
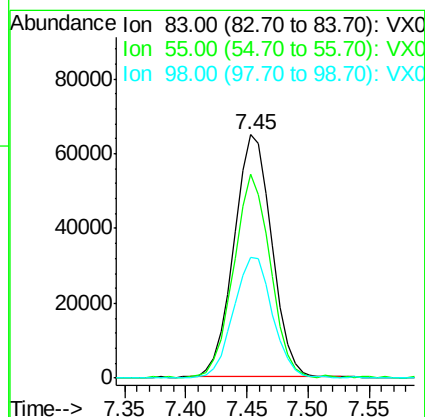
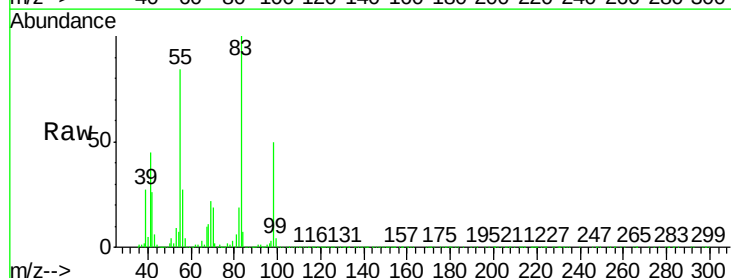
Tgt Ion: 83 Resp: 138732

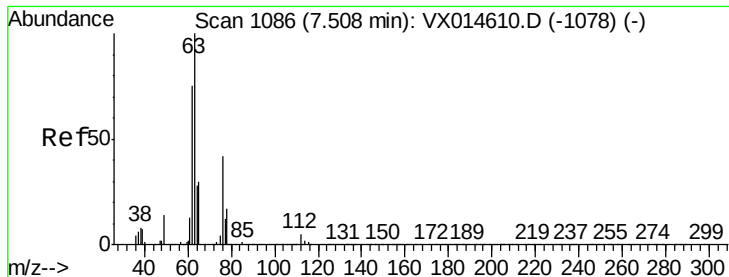
Ion Ratio Lower Upper

83 100

55 81.0 39.4 118.1

98 51.1 25.1 75.3





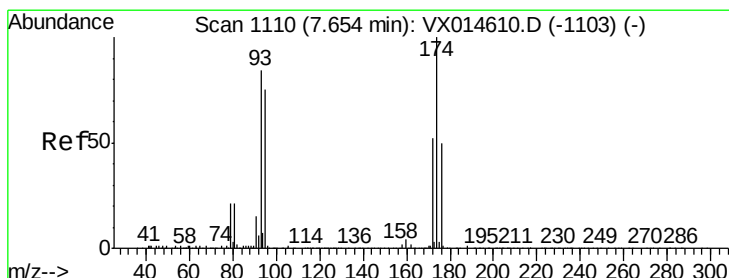
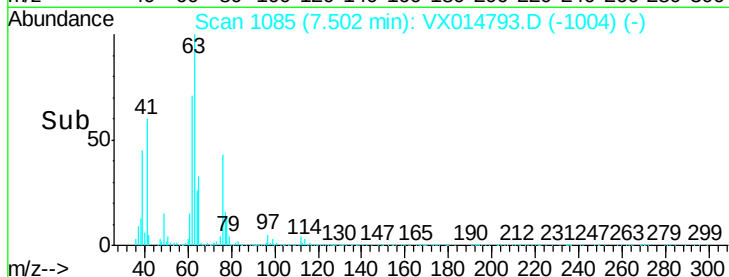
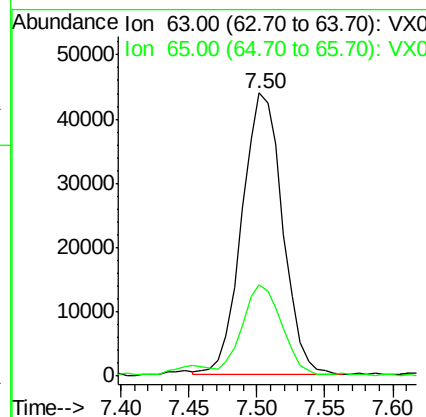
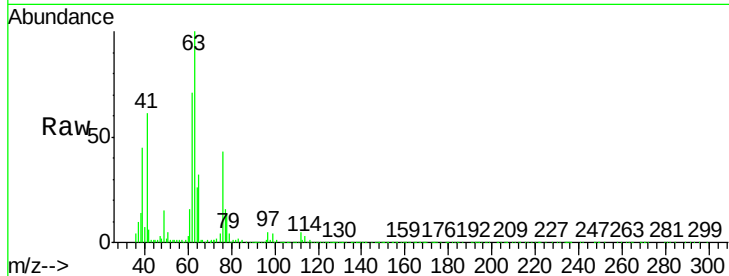
#39
 1,2-Dichloropropane
 Concen: 20.497 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.1	33.1

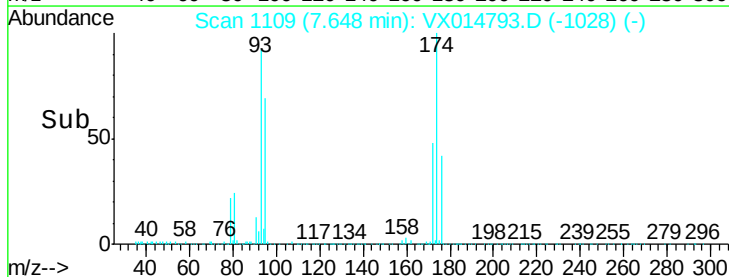
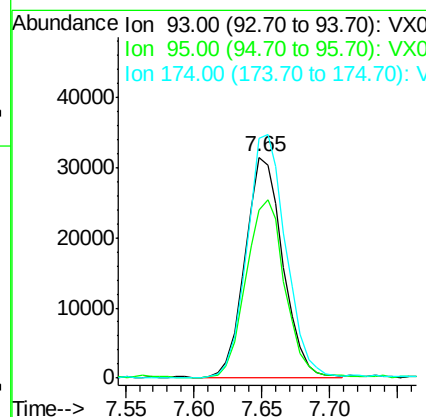
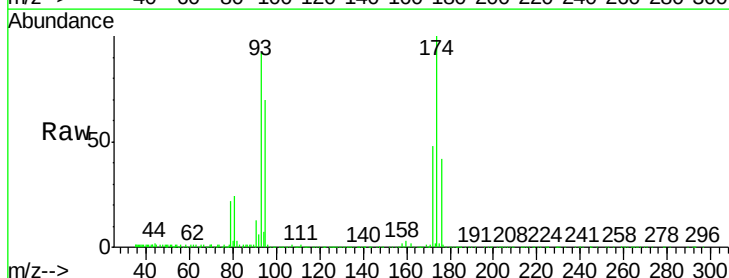
Manual Integrations
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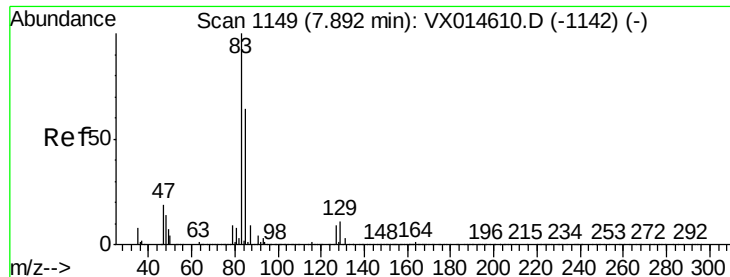
MMDadoda
 2/4/2020 3:32:17 PM



#40
 Dibromomethane
 Concen: 21.169 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	0.0	164.4
174	114.2	0.0	228.8





#41

Bromodichloromethane

Concen: 21.290 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

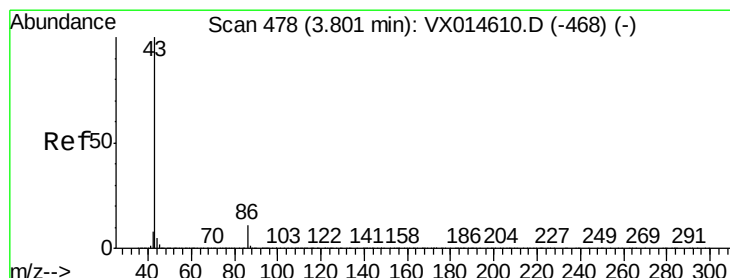
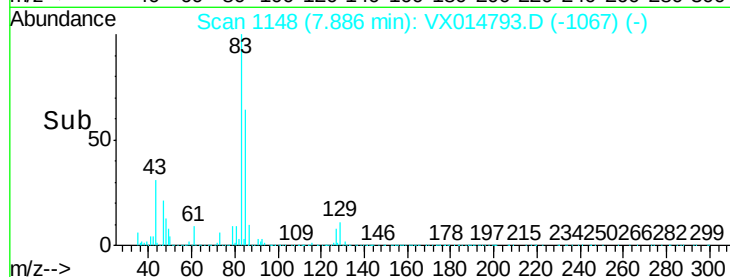
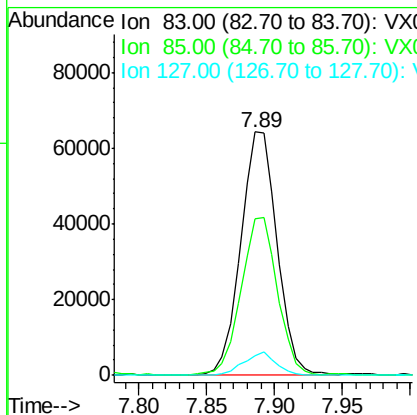
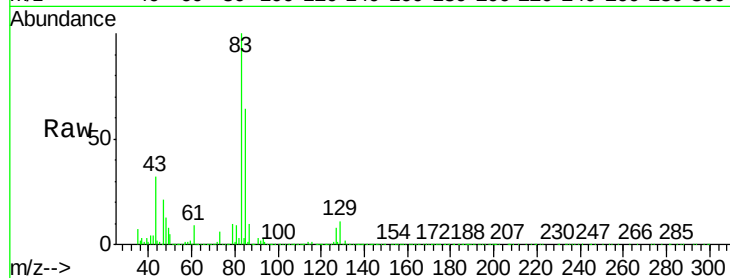
ClientSampleId :

VX0203WBS02

Tot Ion:	83	Resp:	120121
Ion Ratio		Lower	Upper
83	100		
85	64.4	51.6	77.4
127	8.0	6.0	9.0

Manual Integrations
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2/4/2020 3:32:17 PM



#42

Vinyl Acetate

Concen: 103.561 ug/l

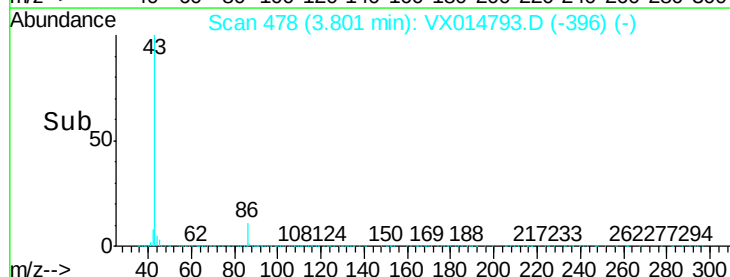
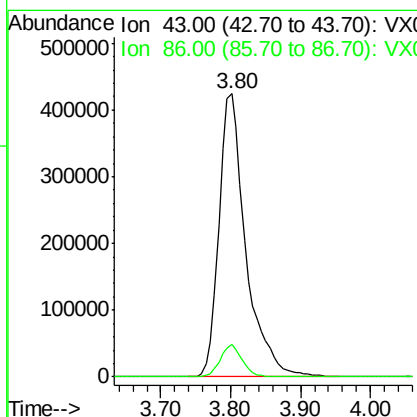
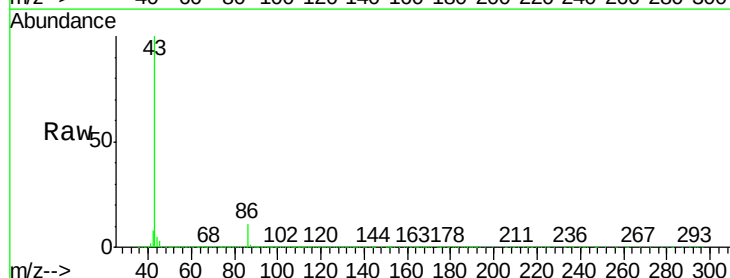
RT: 3.80 min Scan# 478

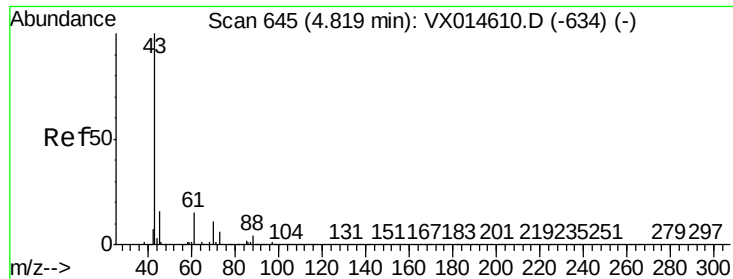
Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Tgt Ion:	43	Resp:	1128112
Ion Ratio		Lower	Upper
43	100		
86	9.3	7.7	11.5





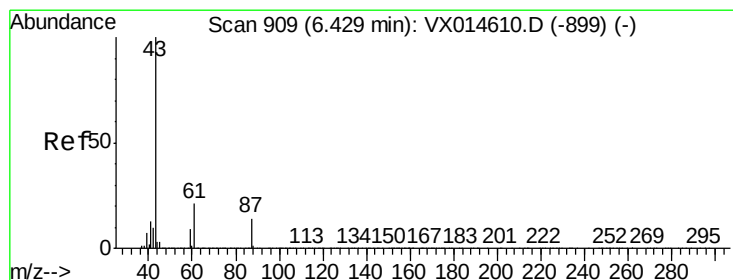
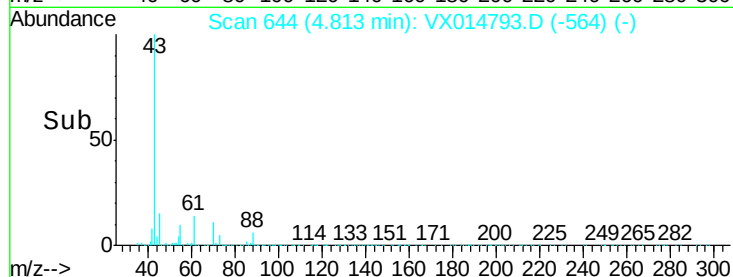
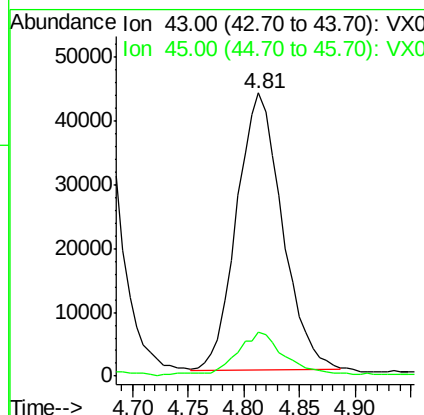
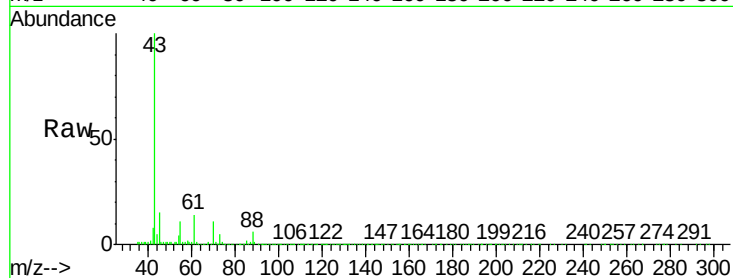
#43
Ethyl Acetate
Concen: 19.290 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.3	11.8	17.8

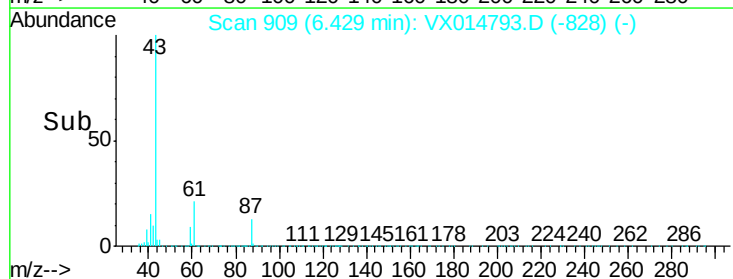
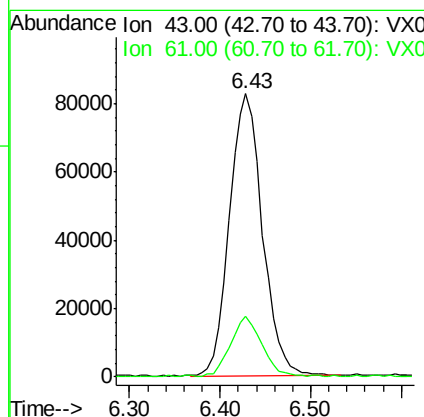
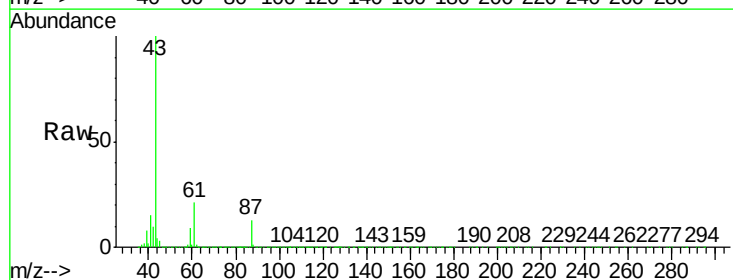
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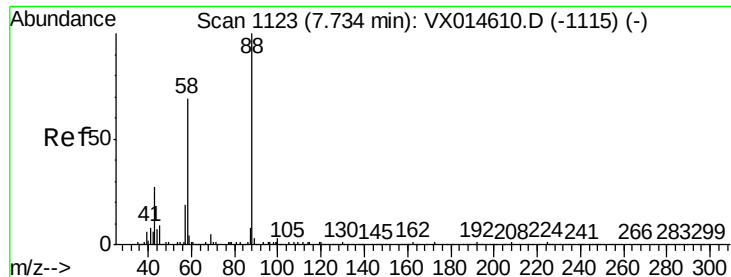
MMDadoda
2/4/2020 3:32:17 PM



#44
Isopropyl Acetate
Concen: 20.197 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.9	23.9





#45

1,4-Dioxane

Concen: 404.557 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

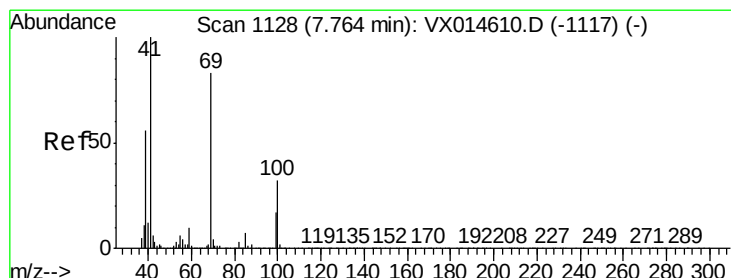
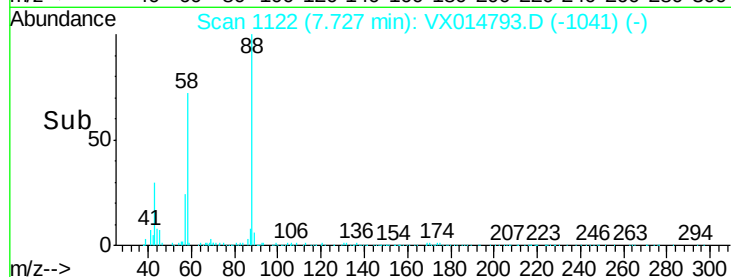
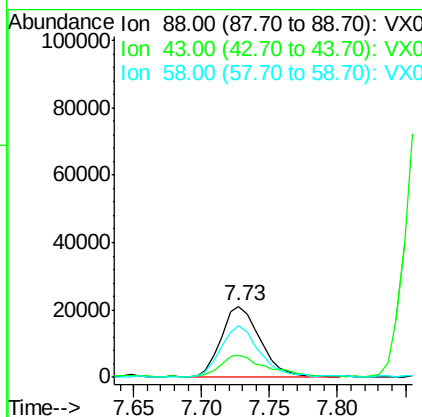
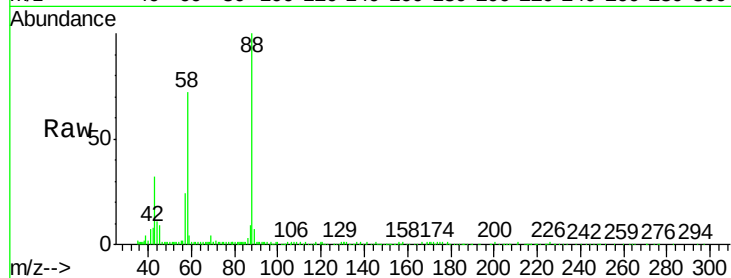
ClientSampleId :

VX0203WBS02

Tot Ion:	88	Resp:	41767
Ion Ratio	Lower	Upper	
88	100		
43	34.8	25.4	38.2
58	70.0	56.5	84.7

Manual Integrations
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#46

Methyl methacrylate

Concen: 20.551 ug/l

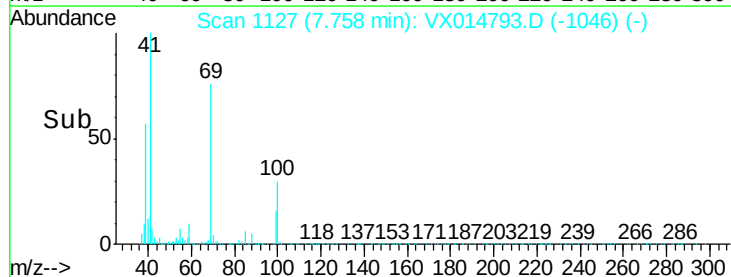
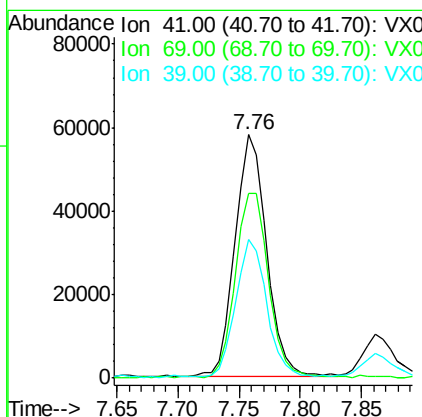
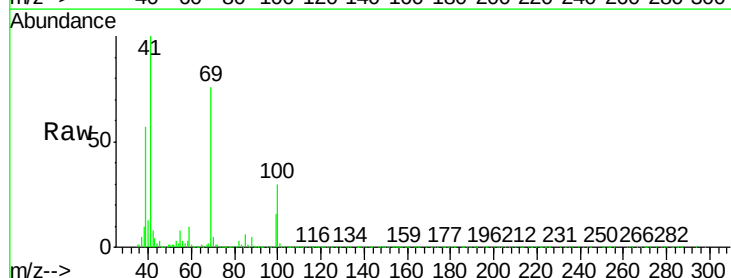
RT: 7.76 min Scan# 1127

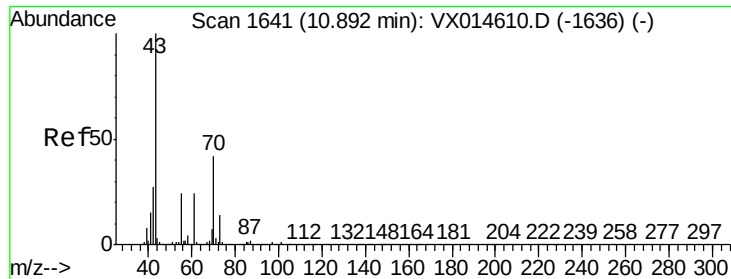
Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Tgt Ion:	41	Resp:	104305
Ion Ratio	Lower	Upper	
41	100		
69	75.8	40.6	122.0
39	56.5	27.8	83.3





#47

n-amvl Acetate

Concen: 20.629 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBS02

Tot Ion: 43 Resp: 178400

Ion Ratio Lower Upper

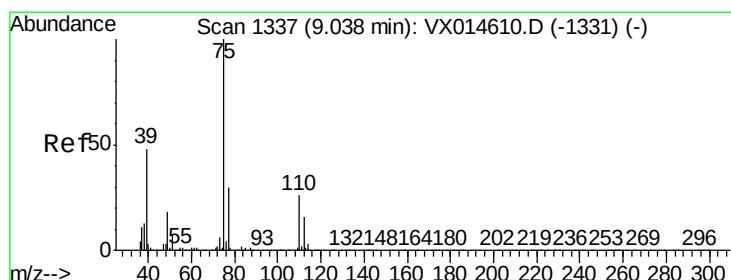
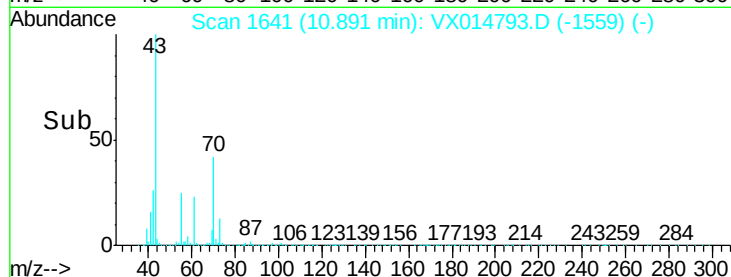
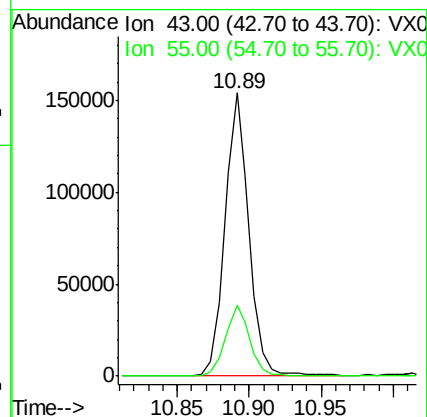
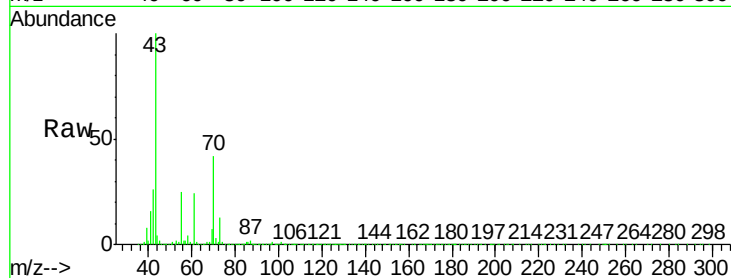
43 100

55 25.6 19.4 29.2

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 20.848 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014793.D

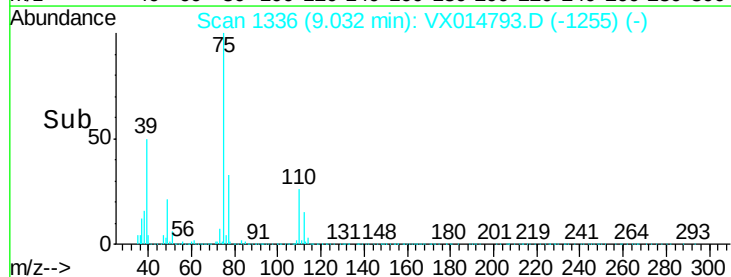
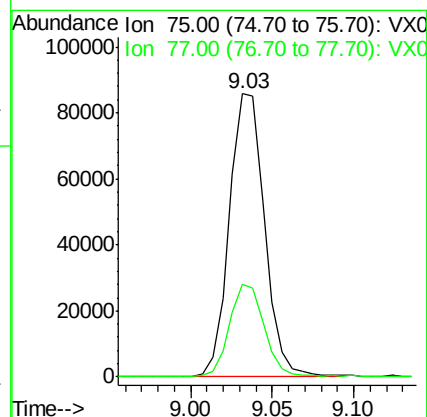
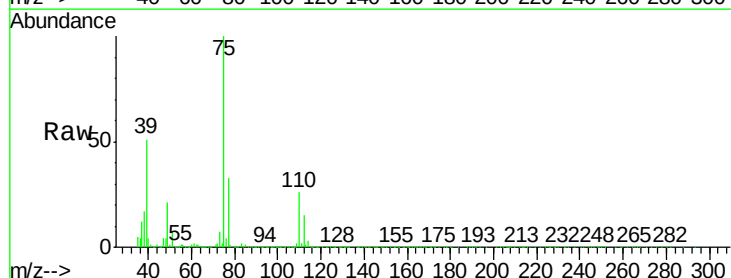
Acq: 03 Feb 2020 13:44

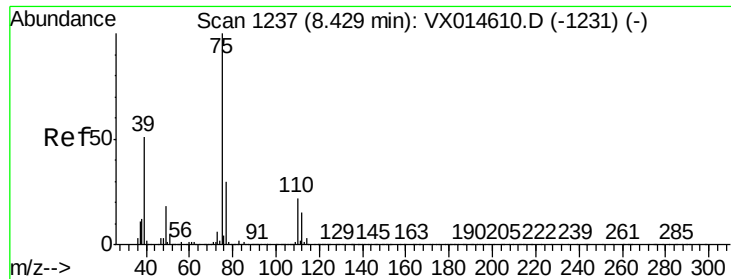
Tgt Ion: 75 Resp: 128424

Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0





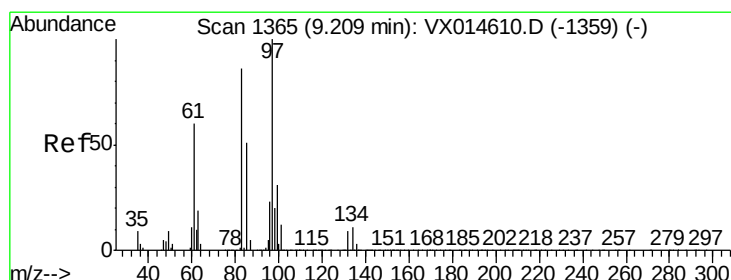
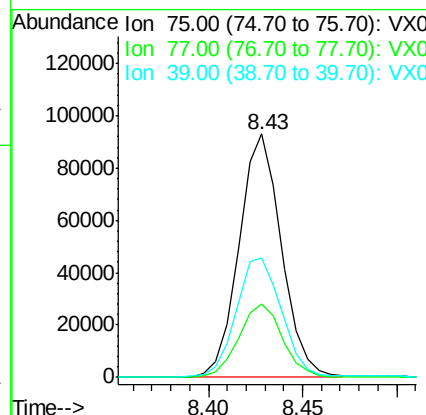
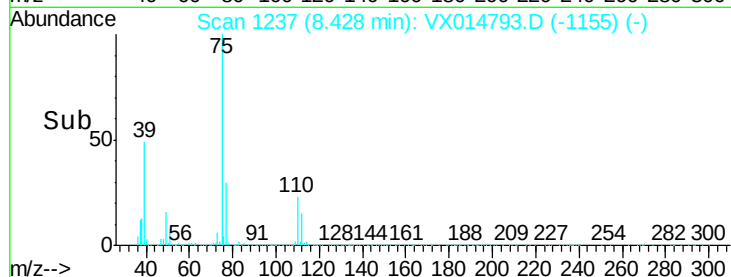
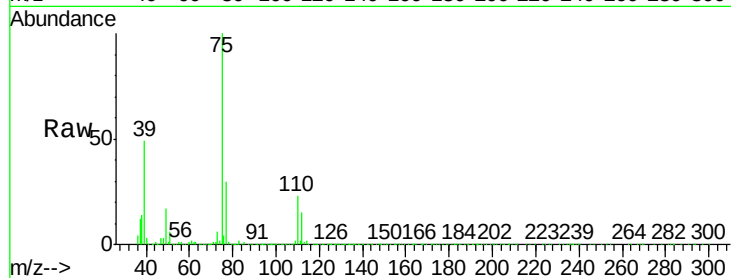
#49
 cis-1,3-Dichloropropene
 Concen: 20.844 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.8	37.2
39	48.6	41.1	61.7

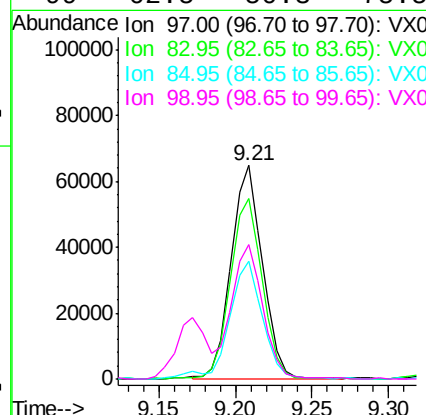
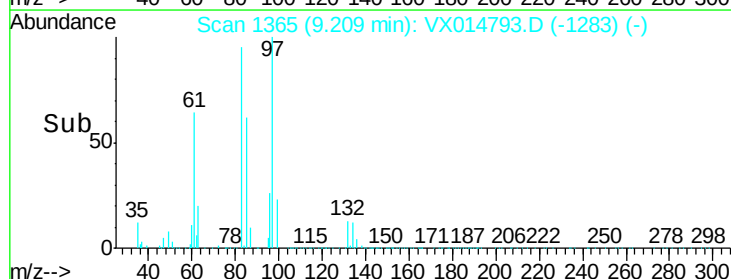
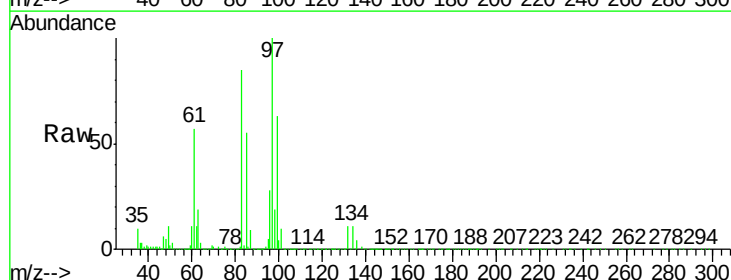
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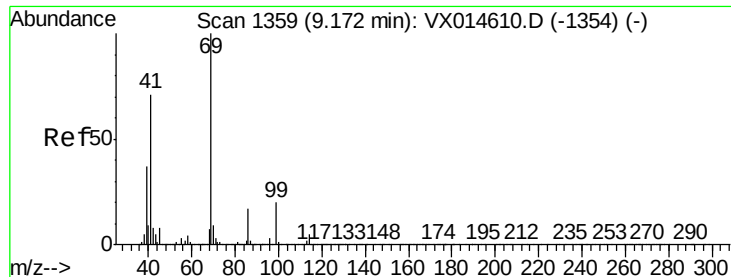
MMDadoda
 2/4/2020 3:32:17 PM



#50
 1,1,2-Trichloroethane
 Concen: 20.919 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.1	102.1
85	55.0	42.7	64.1
99	62.5	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.322 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

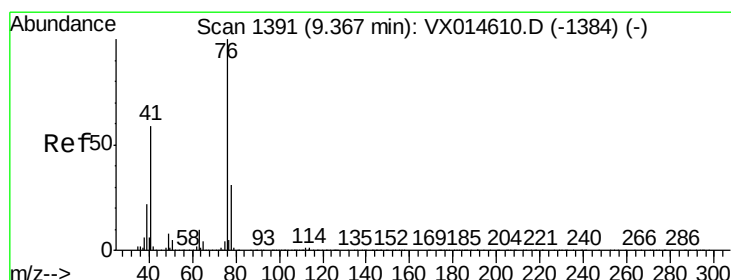
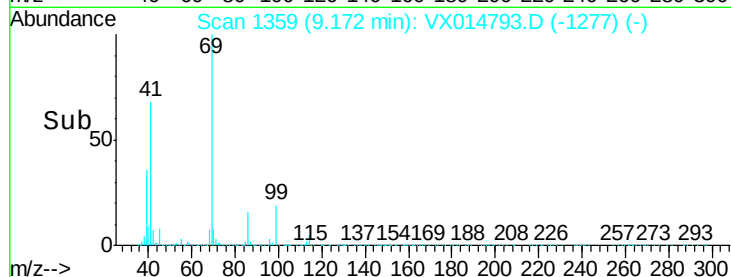
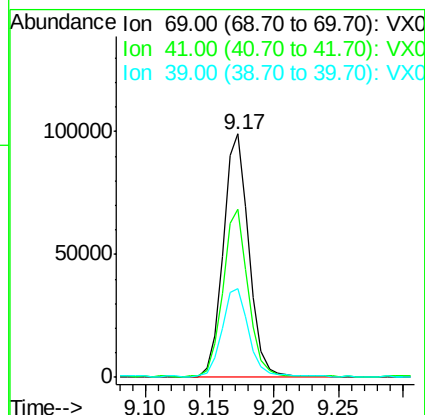
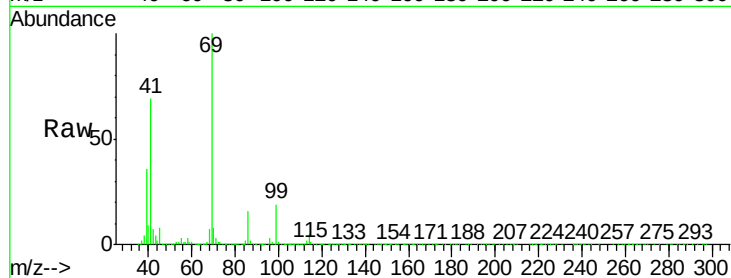
ClientSampleId :

VX0203WBS02

Tot Ion:	69	Resp:	138722
Ion	Ratio	Lower	Upper
69	100		
41	68.9	35.4	106.1
39	36.2	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.833 ug/l

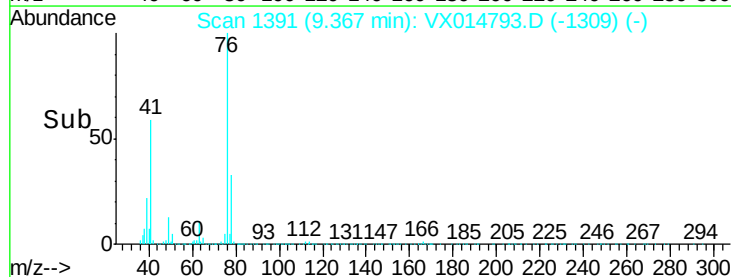
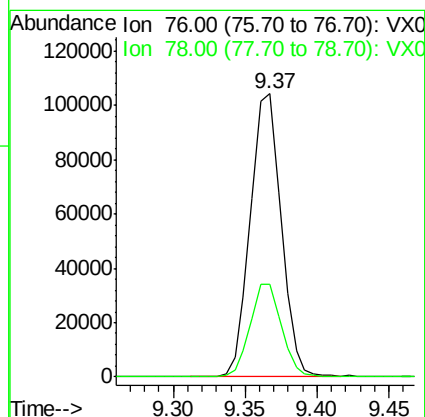
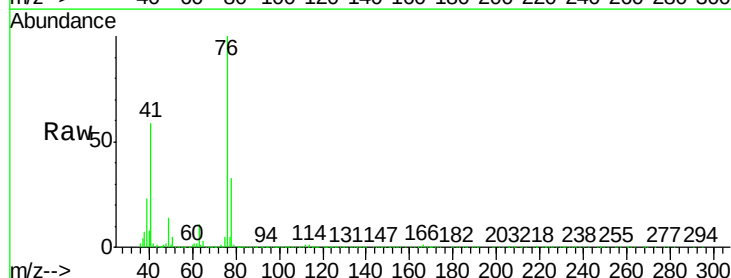
RT: 9.37 min Scan# 1391

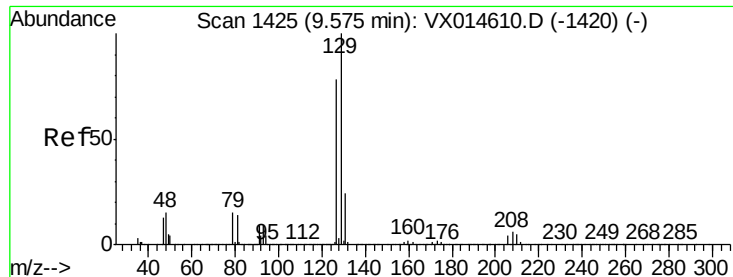
Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Tgt Ion:	76	Resp:	154748
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	63.4





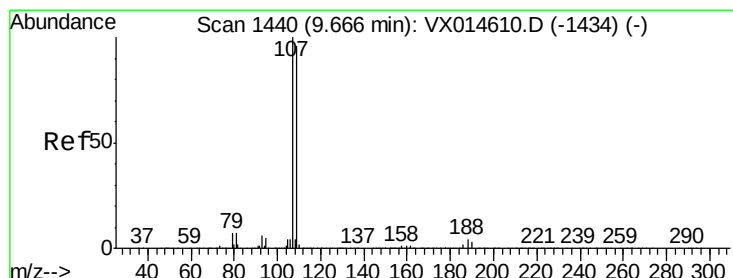
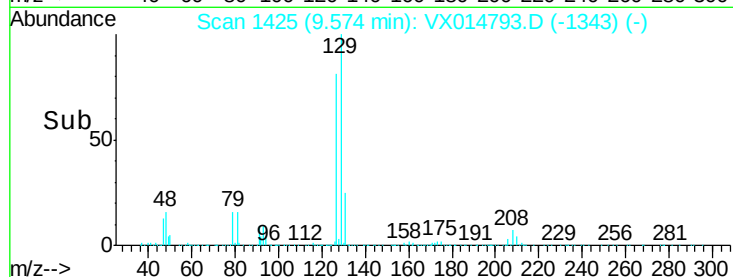
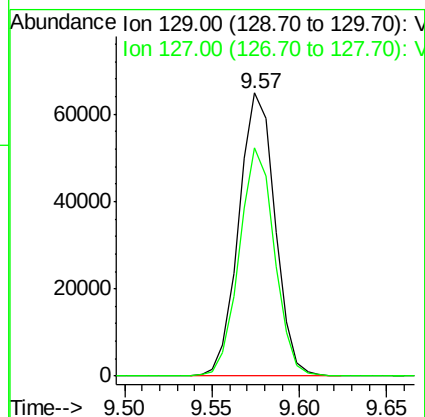
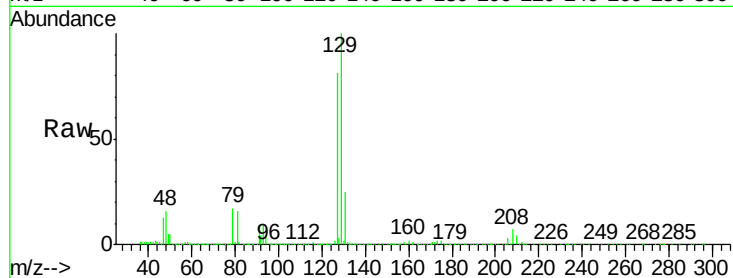
#53
 Dibromochloromethane
 Concen: 20.888 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.5

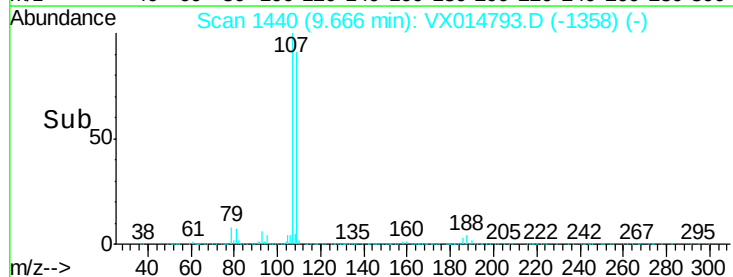
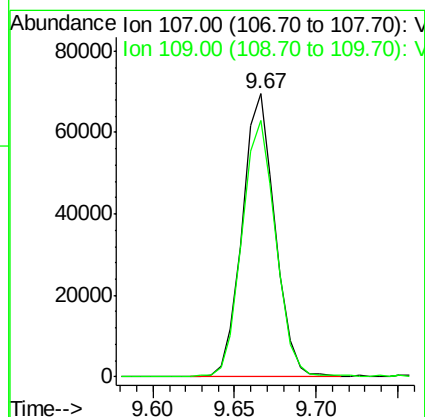
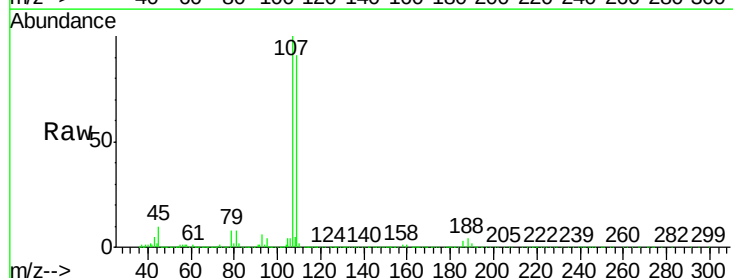
Manual Integrations
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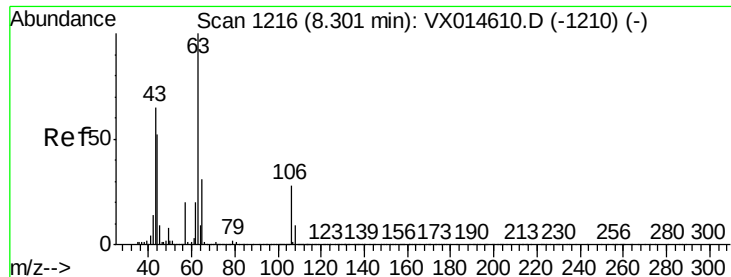
MMDadoda
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#54
 1,2-Dibromoethane
 Concen: 21.350 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.4	77.2	115.8





#55

2-Chloroethyl vinyl ether

Concen: 98.130 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBS02

Tot Ion: 63 Resp: 307855

Ion Ratio Lower Upper

63 100

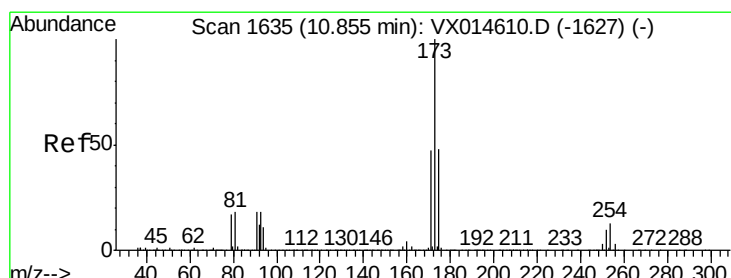
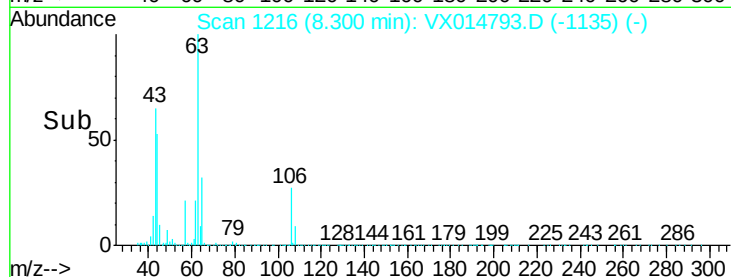
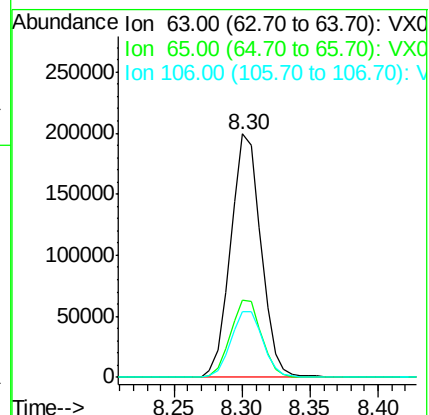
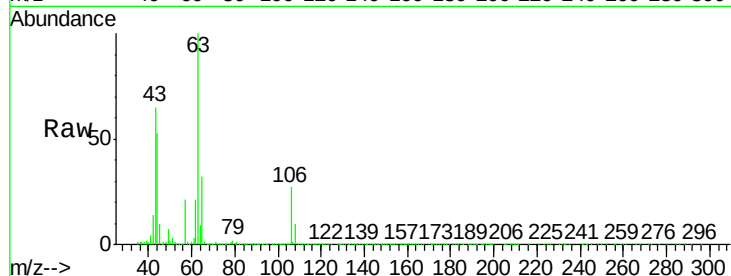
65 32.5 25.8 38.6

106 28.5 22.9 34.3

Manual Integrations
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#56

Bromoform

Concen: 20.322 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

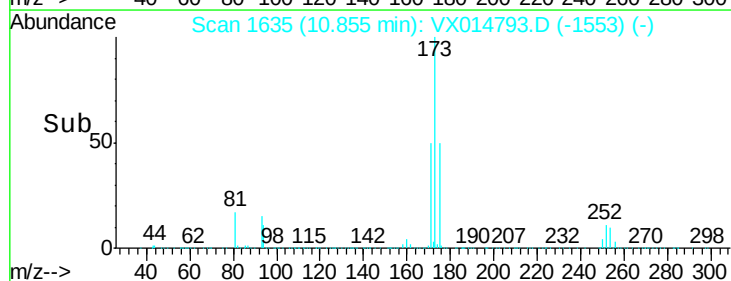
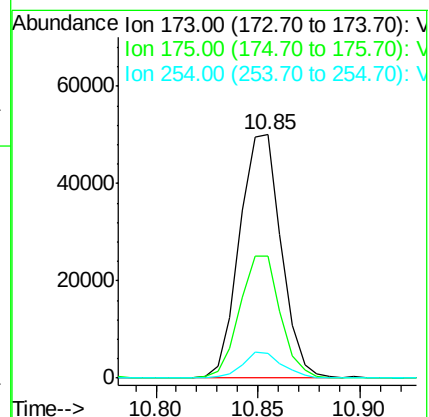
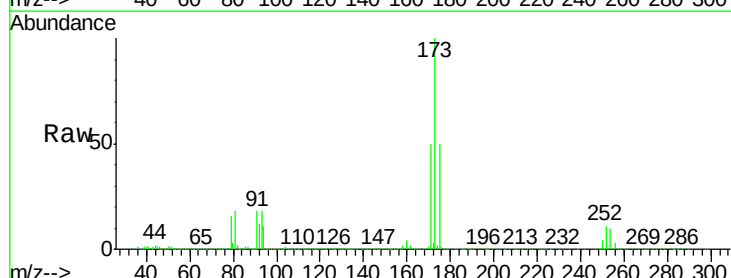
Tgt Ion: 173 Resp: 70194

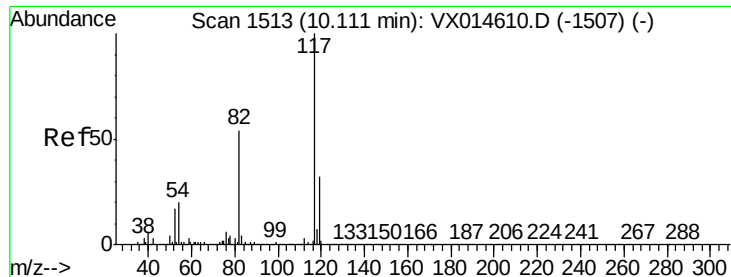
Ion Ratio Lower Upper

173 100

175 50.0 39.5 59.3

254 10.4 8.2 12.4





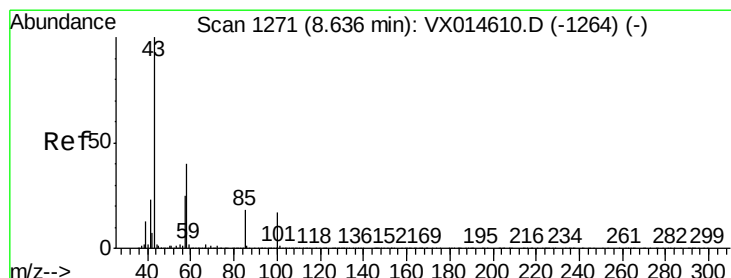
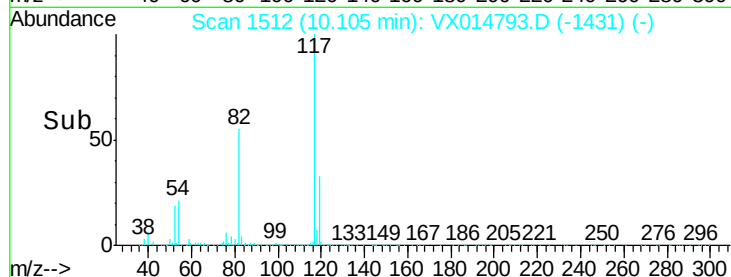
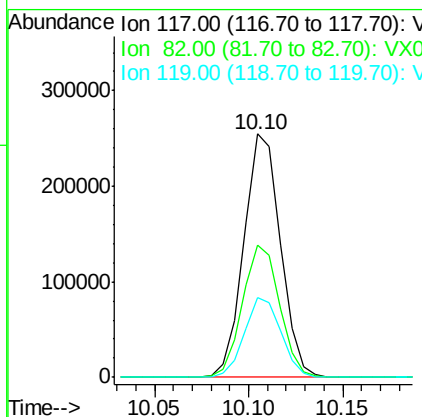
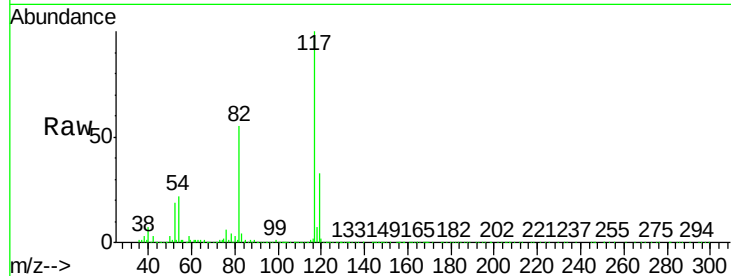
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.8	65.6
119	32.7	25.8	38.6

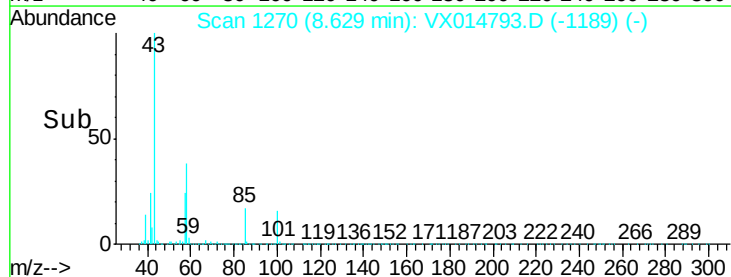
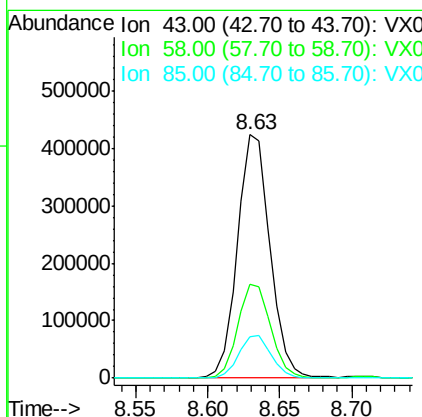
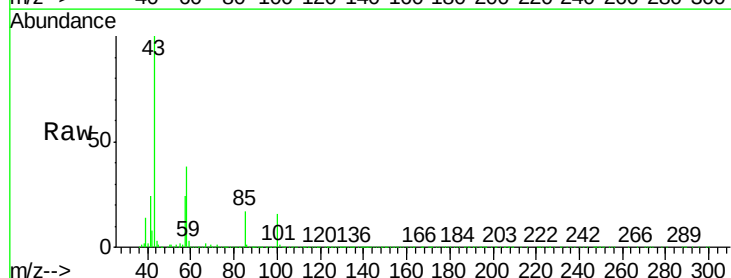
Manual Integrations
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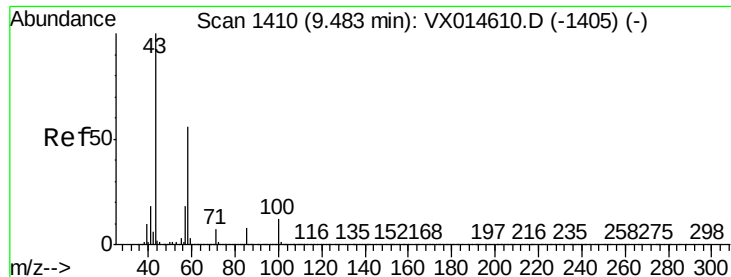
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 102.589 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.2	46.8
85	17.4	14.2	21.2





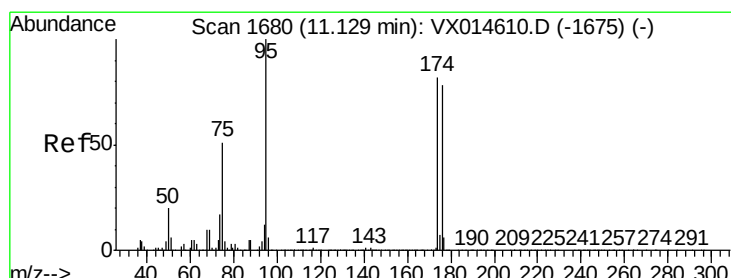
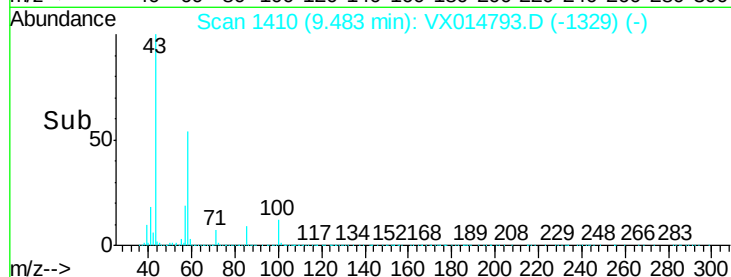
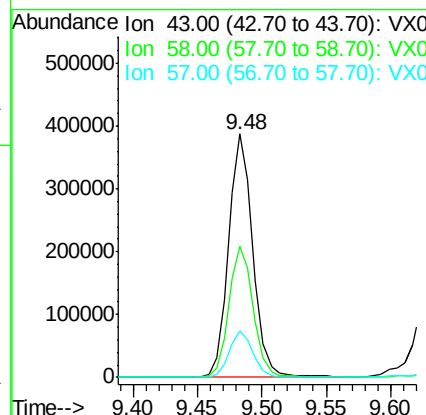
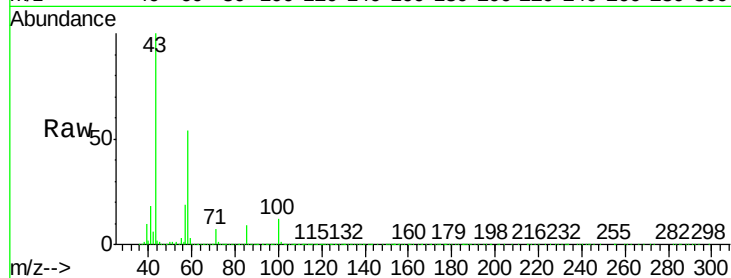
#59
2-Hexanone
Concen: 102.344 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.8	65.6
57	18.7	15.4	23.0

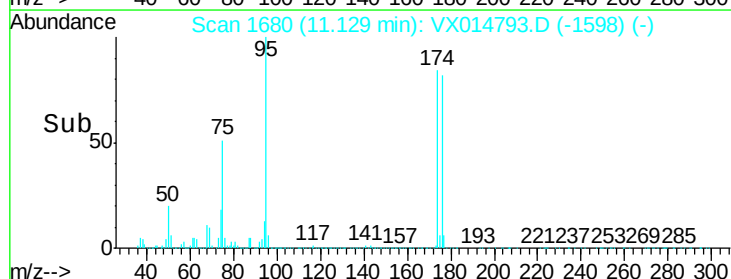
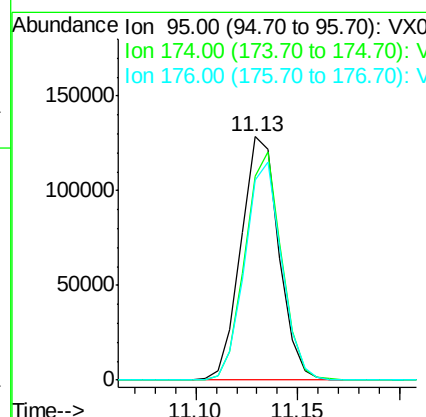
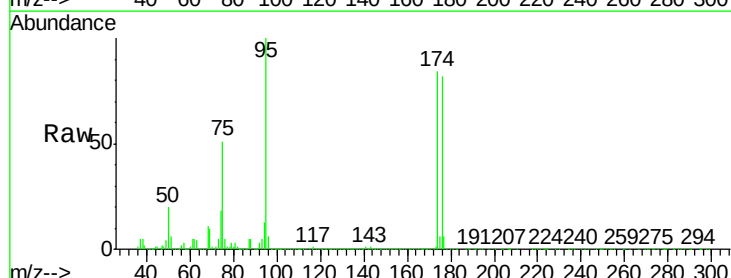
Manual Integrations
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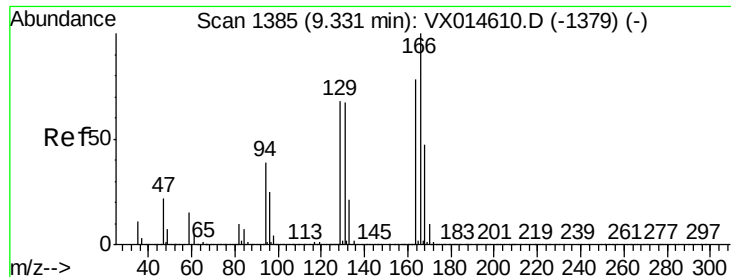
MMDadoda
2/4/2020 3:32:17 PM



#60
4-Bromofluorobenzene
Concen: 30.079 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	70.2	105.2
176	87.0	68.3	102.5





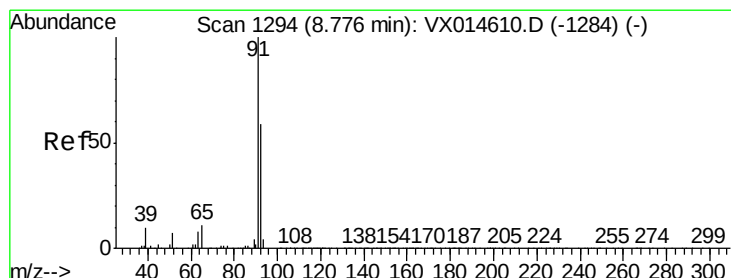
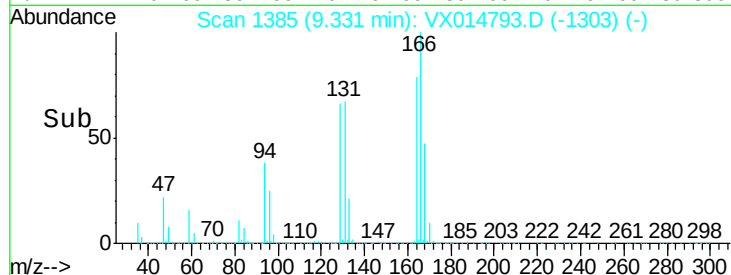
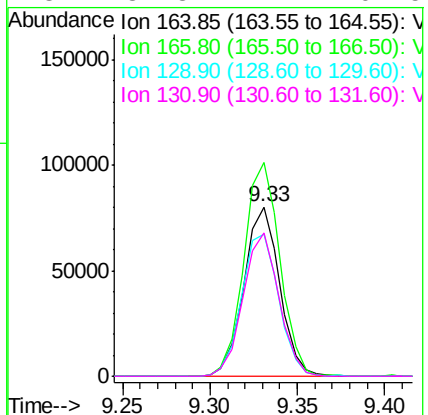
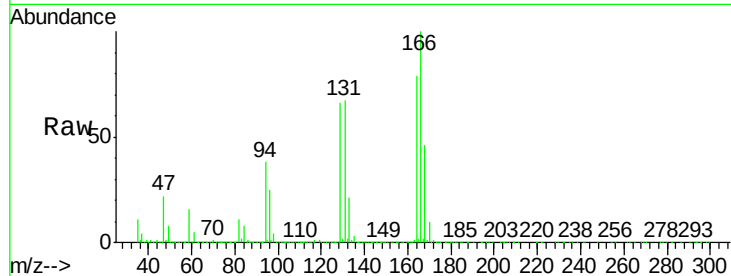
#61
Tetrachloroethene
Concen: 22.452 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.1	104.2	156.2
129	83.8	71.6	107.4
131	84.3	71.7	107.5

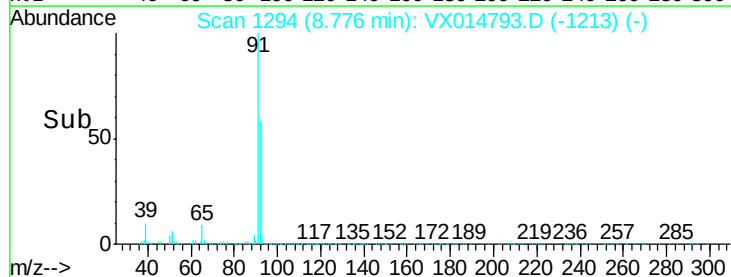
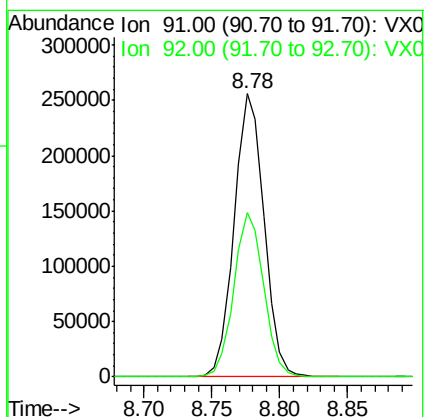
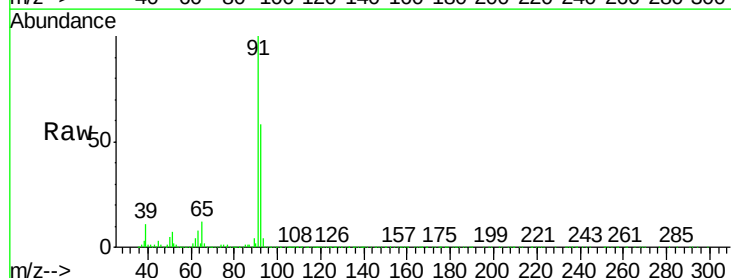
Manual Integrations
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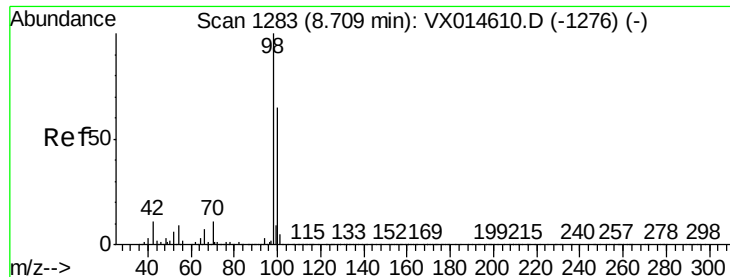
MMDadoda
2/4/2020 3:32:17 PM



#62
Toluene
Concen: 21.419 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.9	46.4	69.6





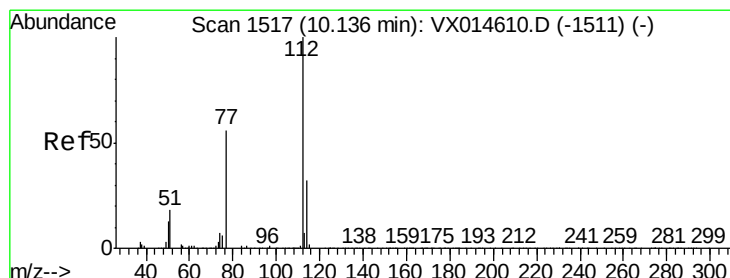
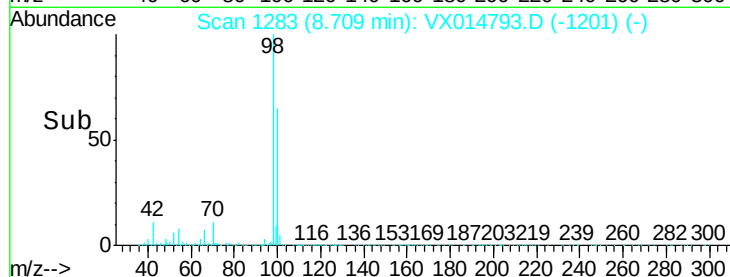
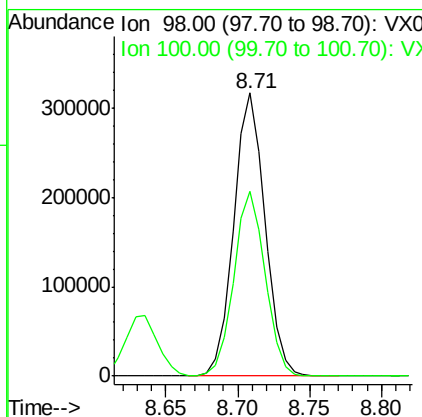
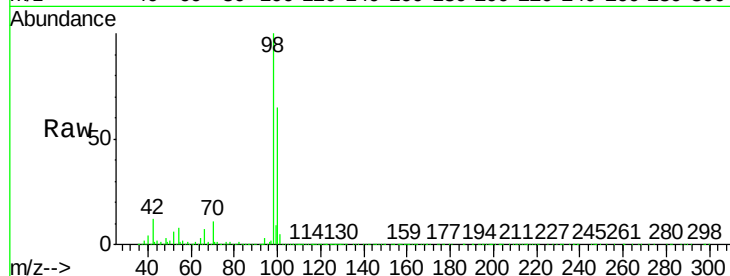
#63
Toluene-d8
Concen: 30.775 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2

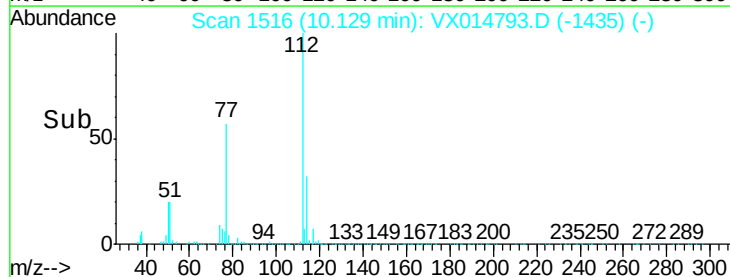
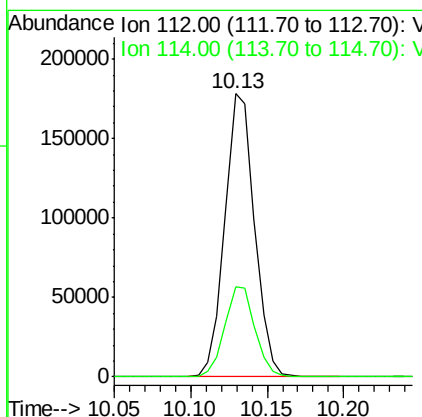
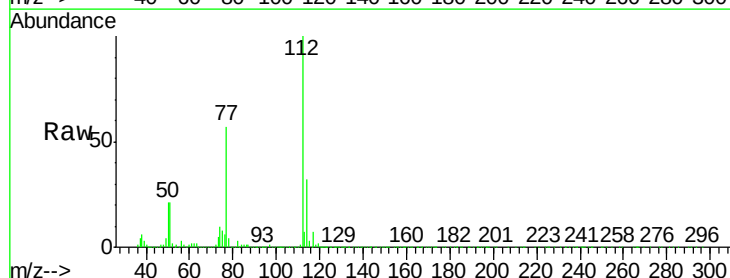
Manual Integrations
APPROVED

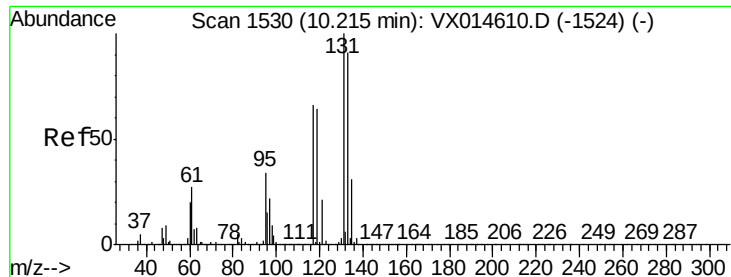
MMDadoda
2/4/2020 3:32:17 PM



#64
Chlorobenzene
Concen: 21.048 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	24.4	36.6





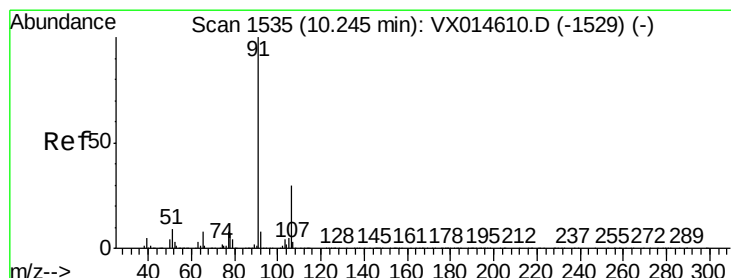
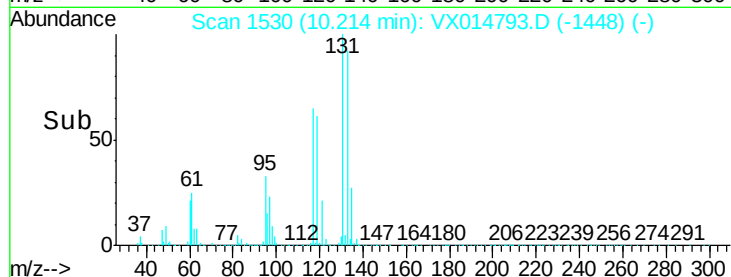
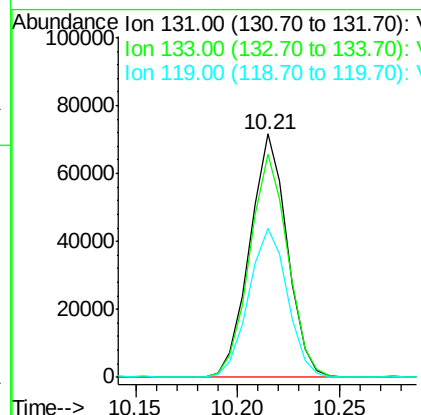
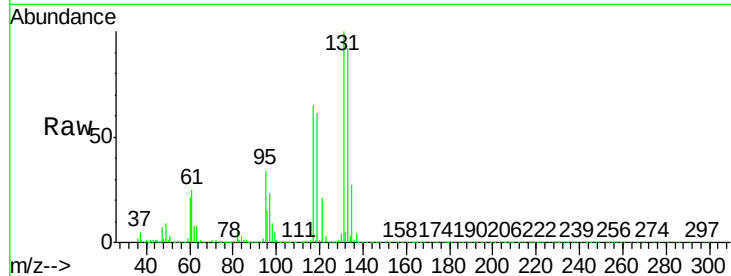
#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.752 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Tot Ion	Ratio	Resp	Lower	Upper
131	100	91520		
133	93.3	0.0	189.8	
119	63.8	0.0	132.2	

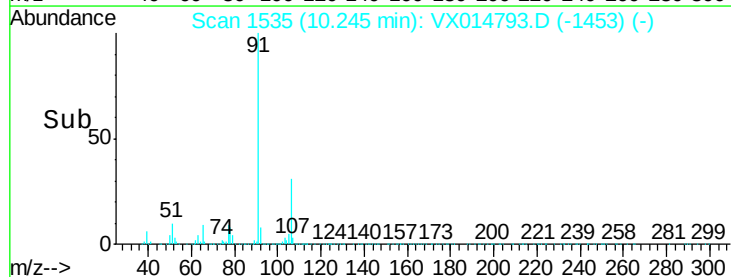
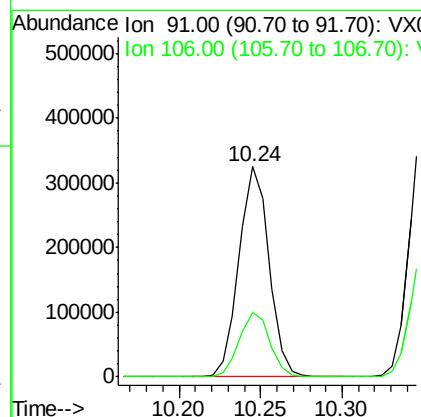
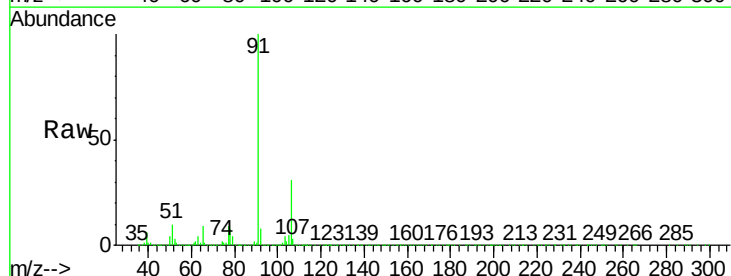
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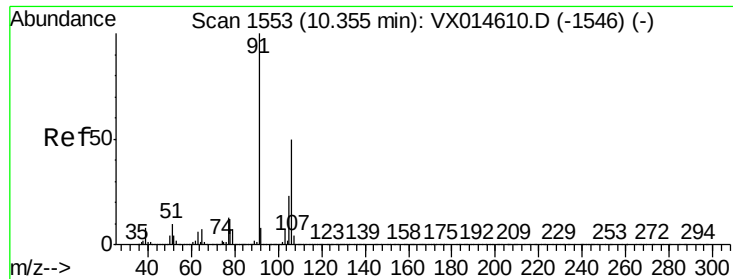
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#66
 Ethyl Benzene
 Concen: 21.066 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	418726		
106	30.5	24.2	36.2	





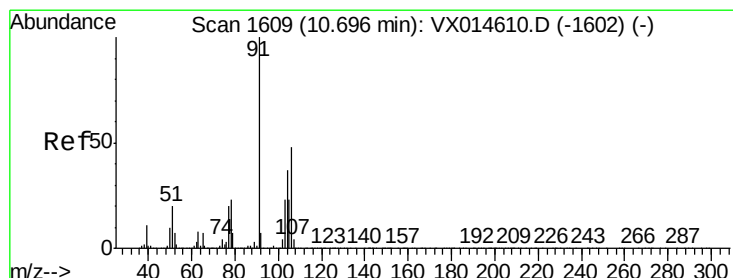
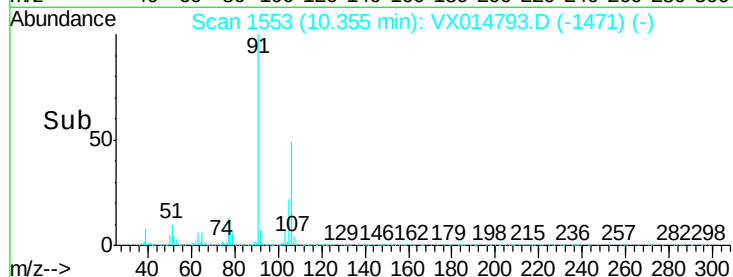
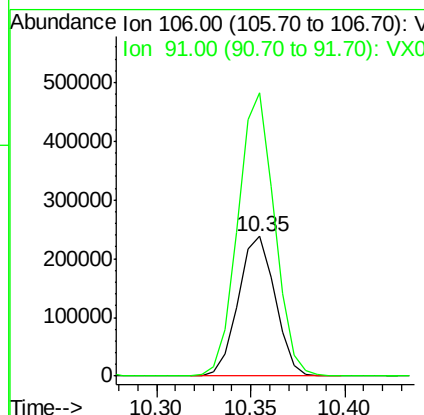
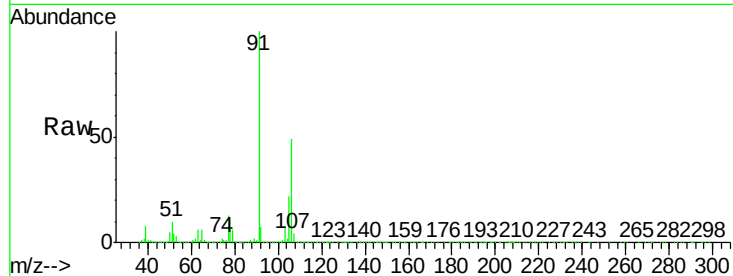
#67
m/p-Xylenes
Concen: 42.463 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.4	159.3	238.9

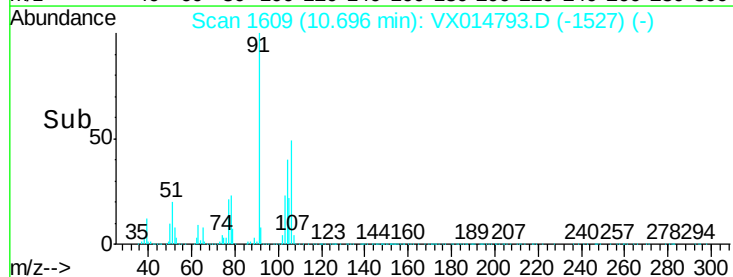
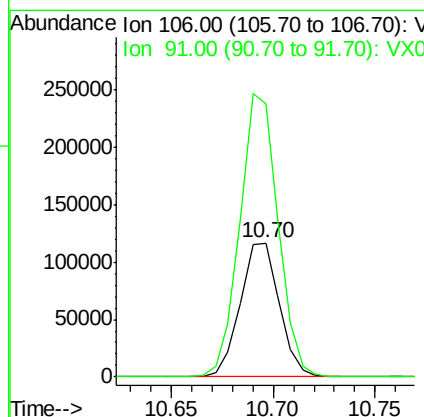
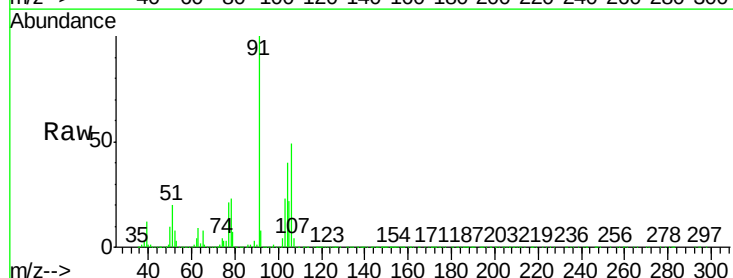
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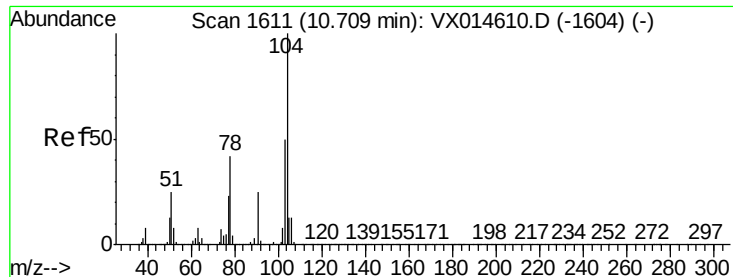
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#68
o-Xylene
Concen: 20.925 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.7	104.8	314.6





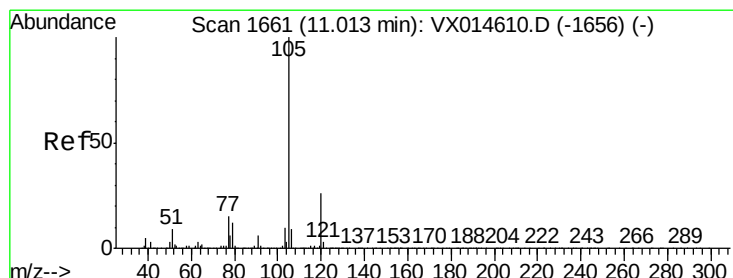
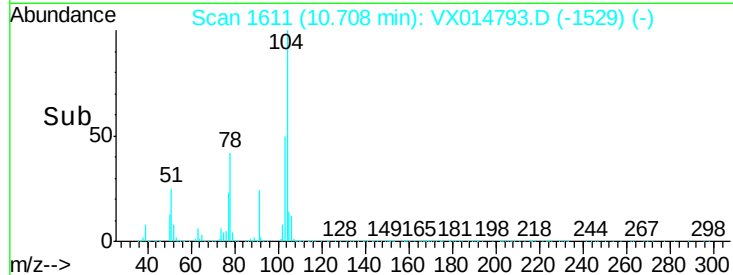
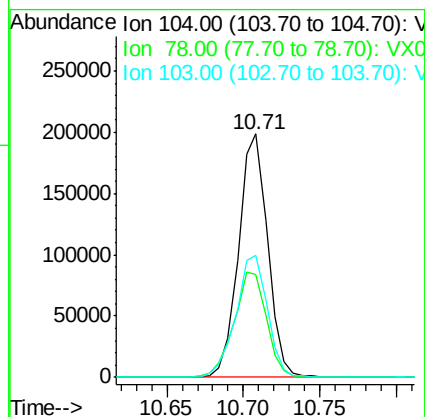
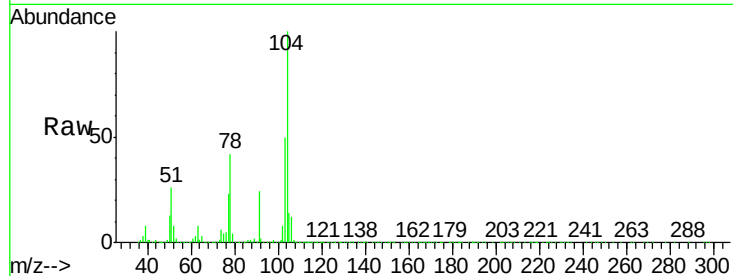
#69
Stvrene
Concen: 20.722 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion:	104	Resp:	260305
Ion Ratio	Lower	Upper	
104	100		
78	48.6	38.9	58.3
103	54.5	44.2	66.2

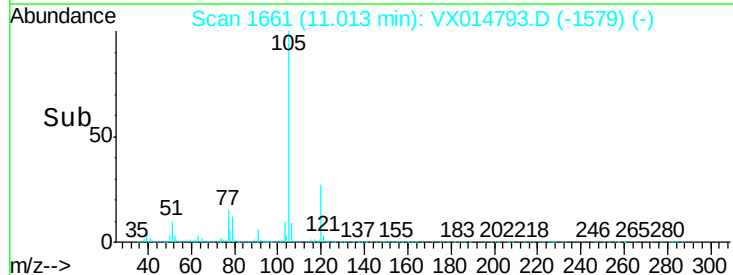
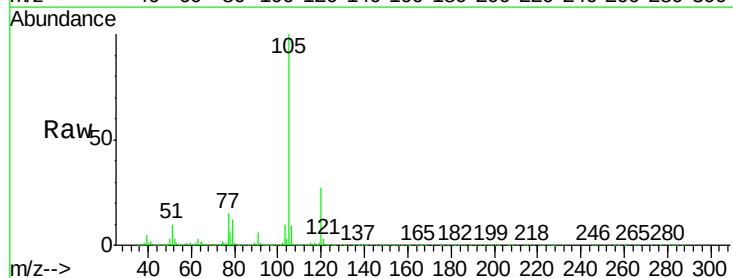
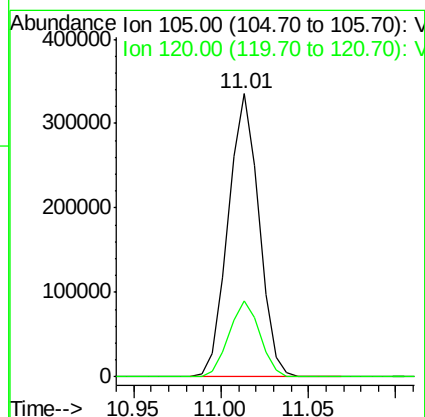
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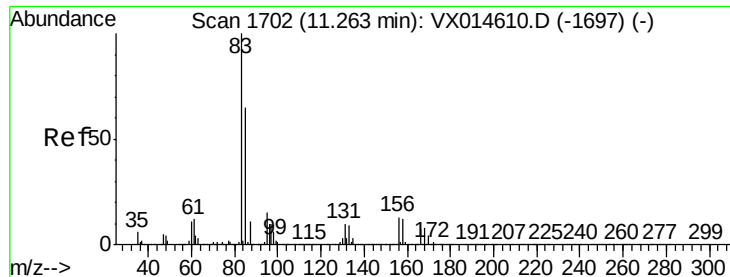
MMDadoda
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#70
Isopropylbenzene
Concen: 21.114 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion:	105	Resp:	410102
Ion Ratio	Lower	Upper	
105	100		
120	26.9	19.1	35.5





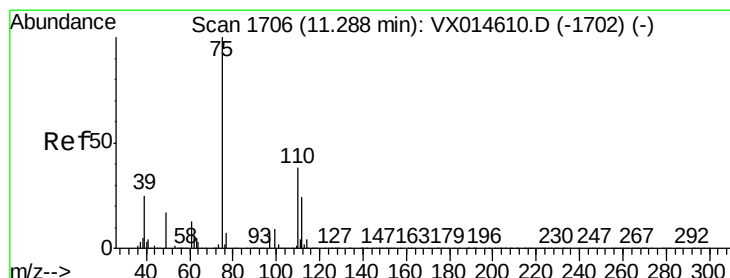
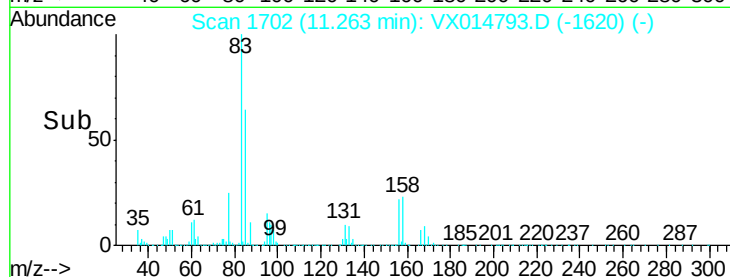
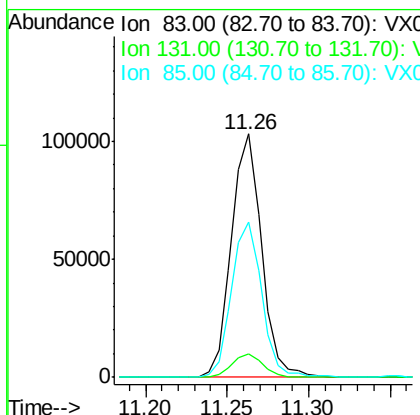
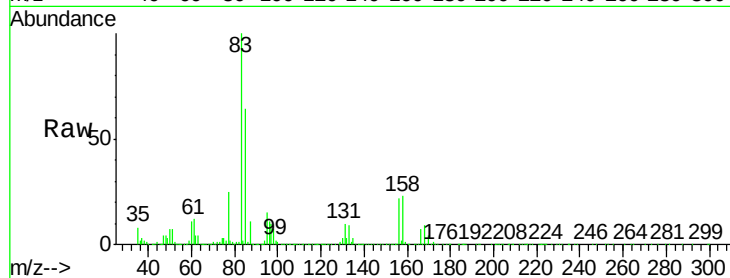
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.301 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.1	4.9	14.7	
85	64.4	31.6	94.7	

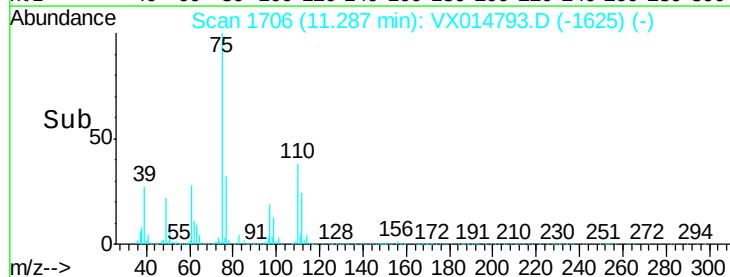
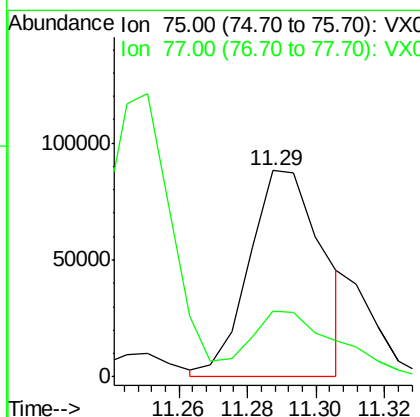
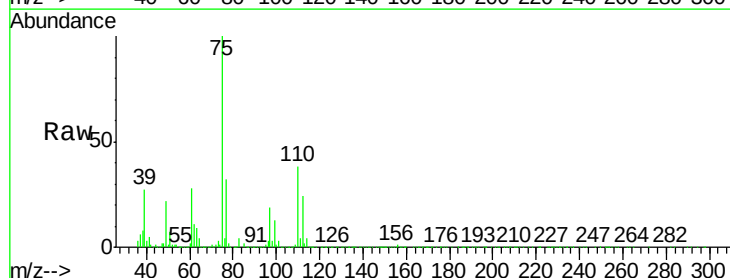
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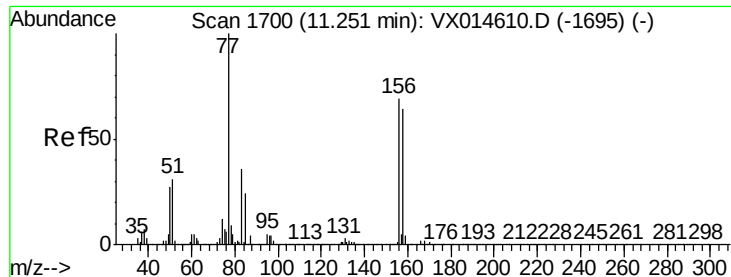
MMDadoda
 2/4/2020 3:32:17 PM



#72
 1,2,3-Trichloropropane
 Concen: 23.566 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	35.8	0.0	68.4	





#73

Bromobenzene

Concen: 20.765 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

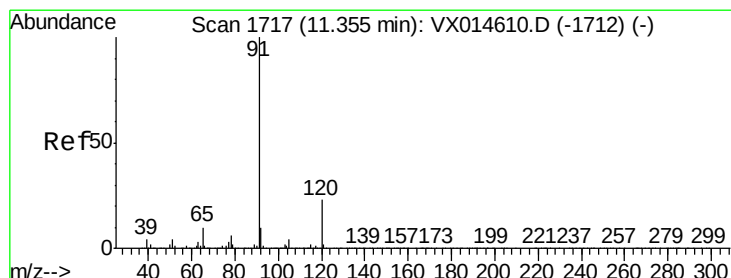
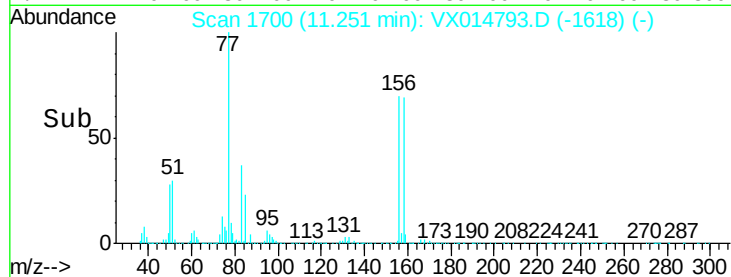
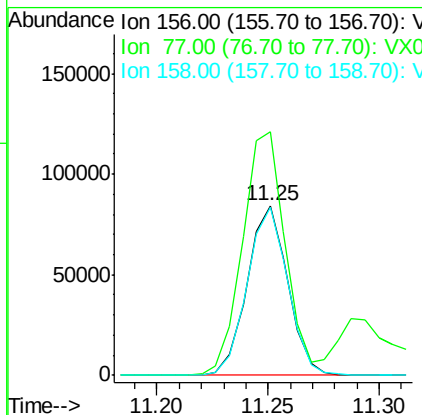
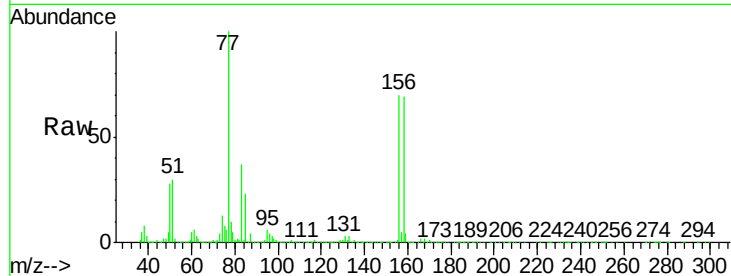
ClientSampleId :

VX0203WBS02

Tot Ion:	156	Resp:	106917
Ion Ratio	Lower	Upper	
156	100		
77	150.4	0.0	304.6
158	99.2	0.0	195.2

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#74

n-propylbenzene

Concen: 21.230 ug/l

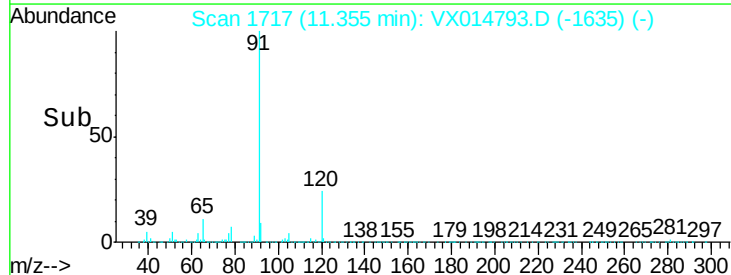
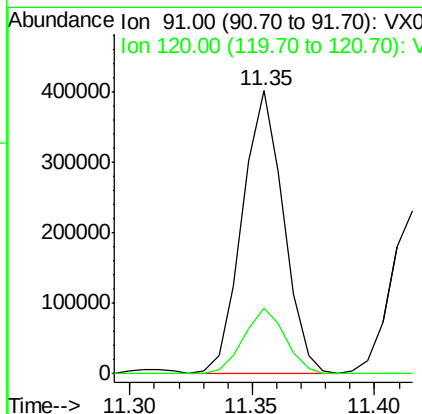
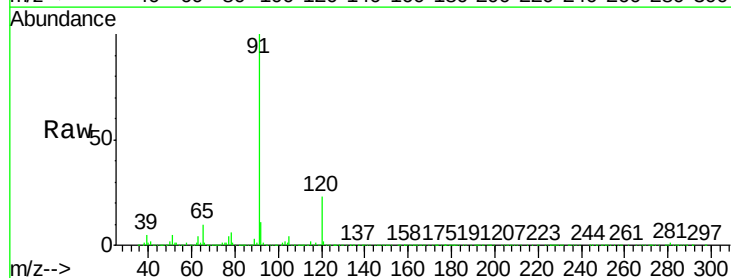
RT: 11.35 min Scan# 1717

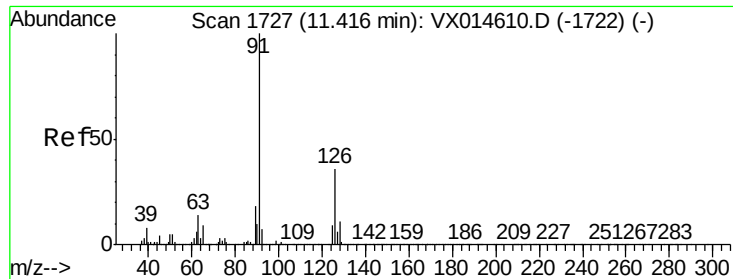
Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Tgt Ion:	91	Resp:	471187
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	44.8





#75

2-Chlorotoluene

Concen: 20.915 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBS02

Tot Ion: 91 Resp: 278207

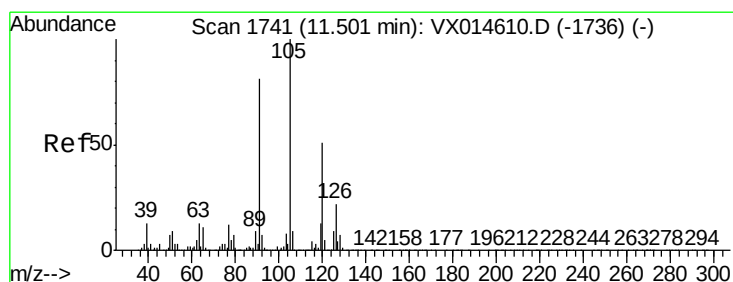
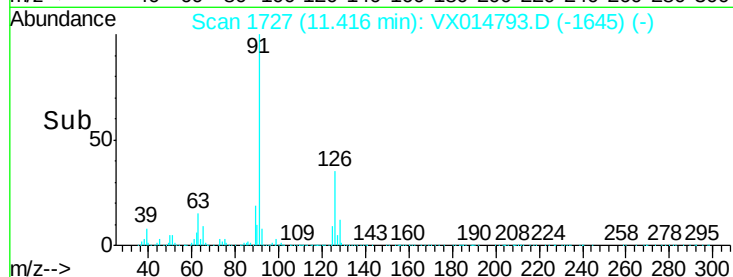
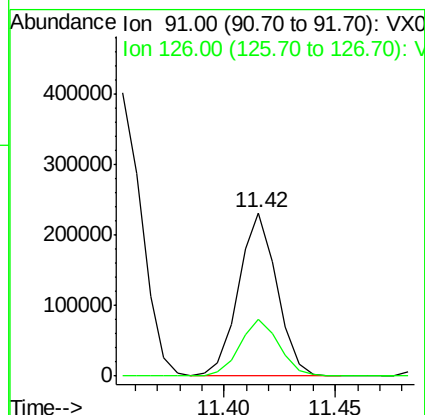
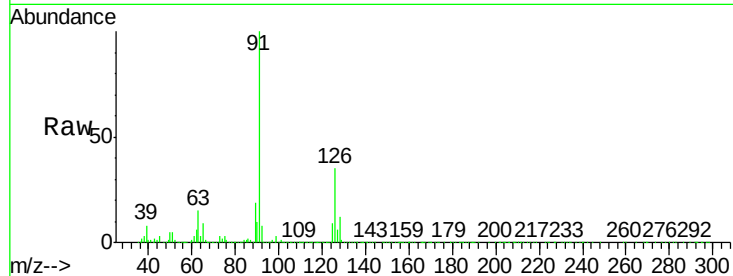
Ion Ratio Lower Upper

91 100

126 35.2 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 21.159 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014793.D

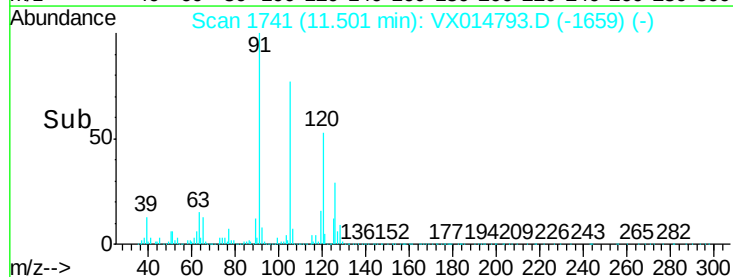
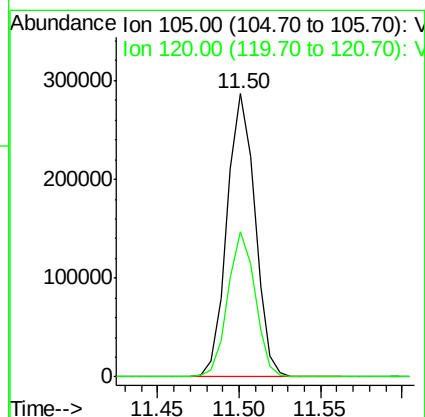
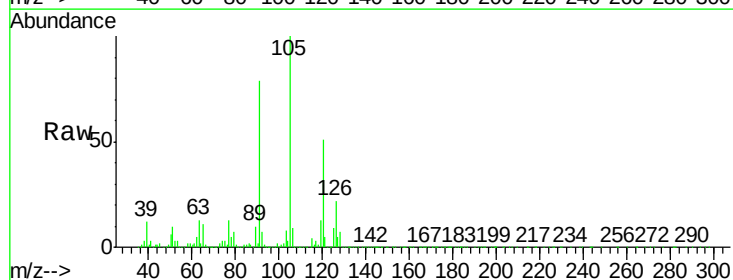
Acq: 03 Feb 2020 13:44

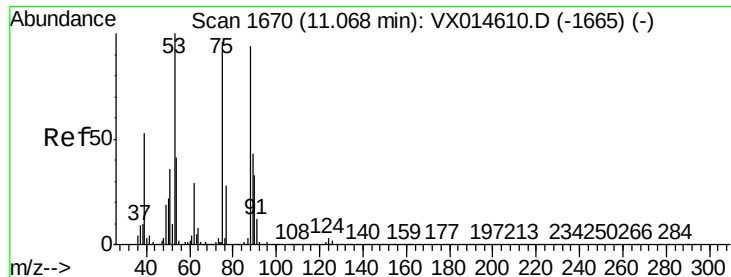
Tgt Ion: 105 Resp: 342446

Ion Ratio Lower Upper

105 100

120 49.8 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.840 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

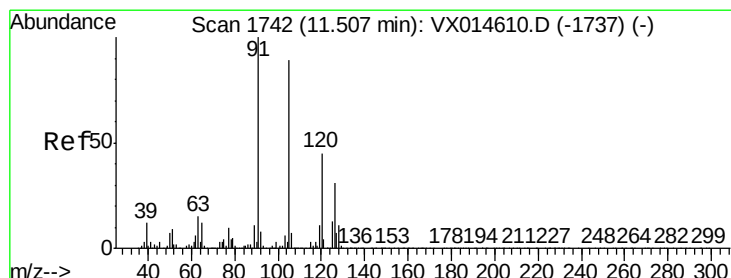
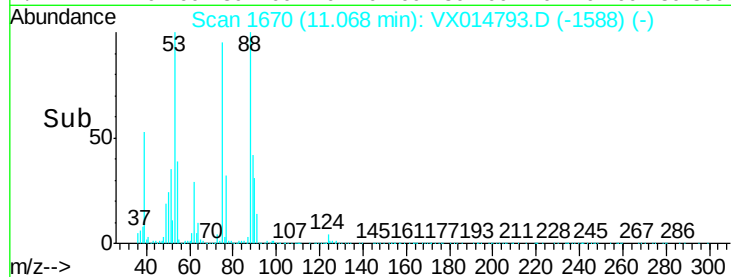
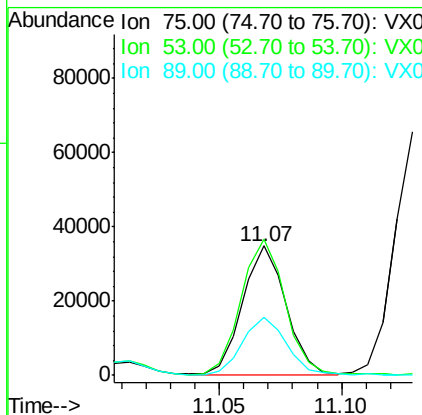
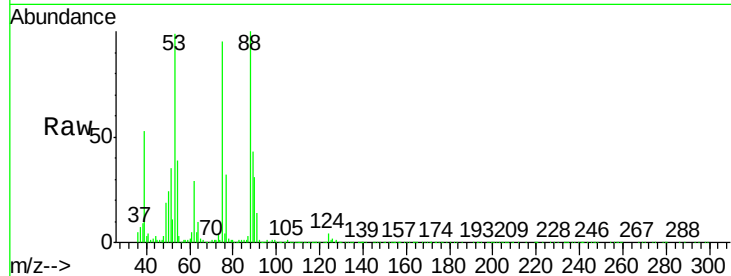
ClientSampleId :

VX0203WBS02

Tot Ion:	75	Resp:	42733
Ion Ratio	Lower	Upper	
75	100		
53	104.9	54.4	163.1
89	44.6	21.9	65.5

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#78

4-Chlorotoluene

Concen: 21.345 ug/l

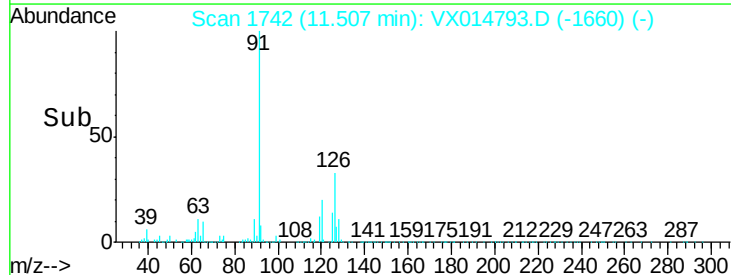
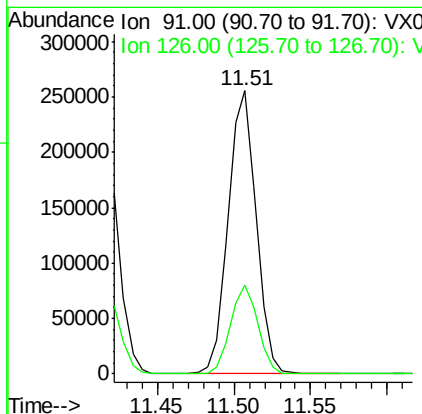
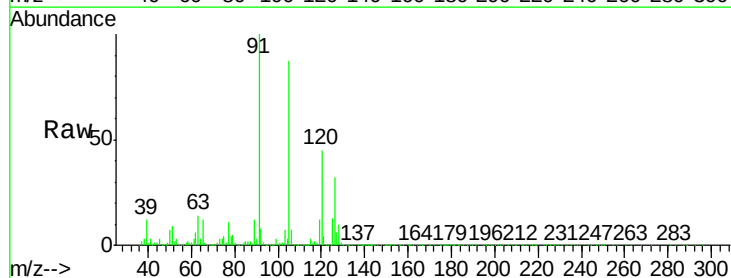
RT: 11.51 min Scan# 1742

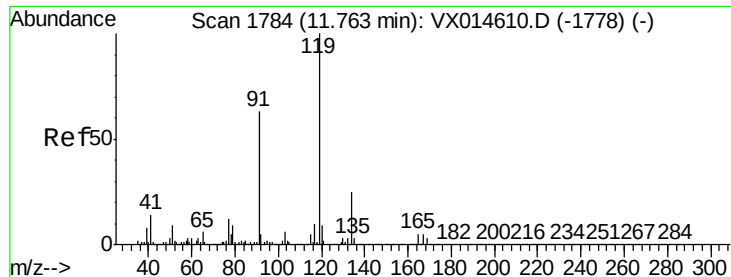
Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Tgt Ion:	91	Resp:	322456
Ion Ratio	Lower	Upper	
91	100		
126	30.7	0.0	59.6





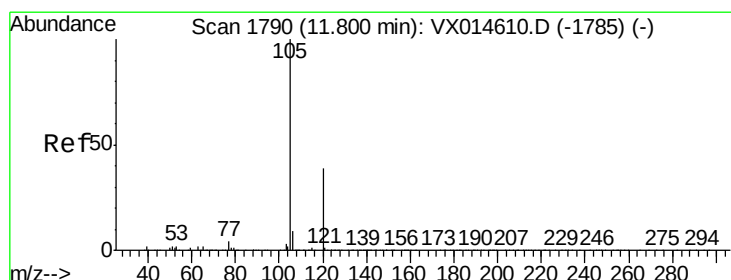
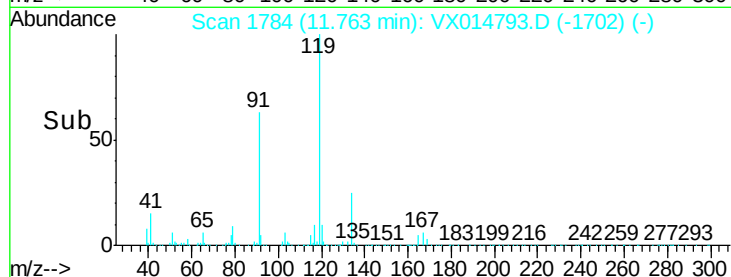
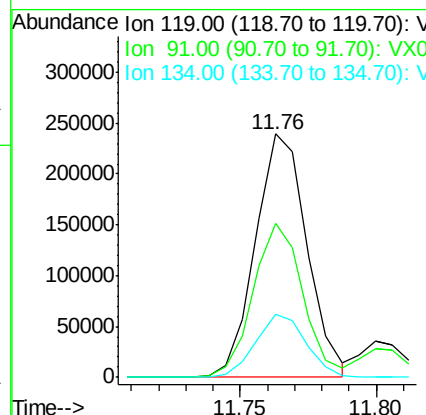
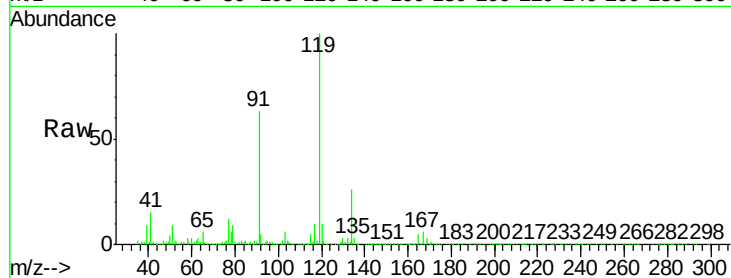
#79
tert-butylbenzene
Concen: 20.780 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	314695		
91	60.7		0.0	112.6
134	25.5		0.0	49.8

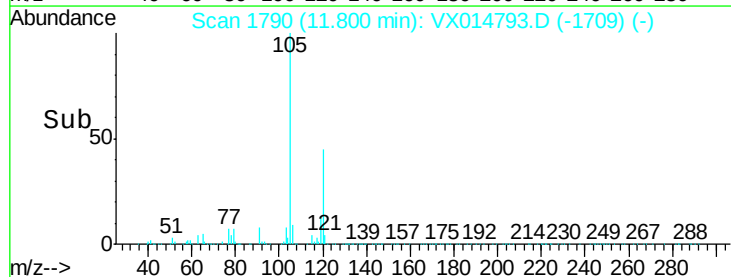
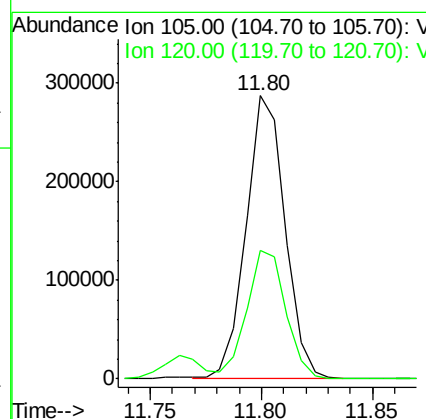
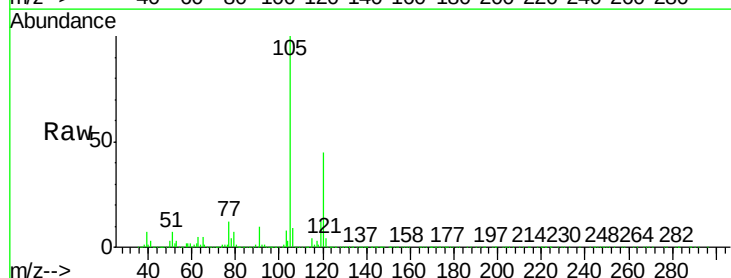
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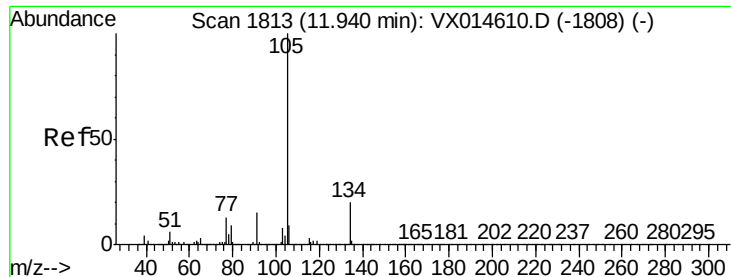
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 21.701 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	350306		
120	45.3		0.0	92.0





#81

sec-Butylbenzene

Concen: 21.333 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBS02

Tot Ion:105 Resp: 399763

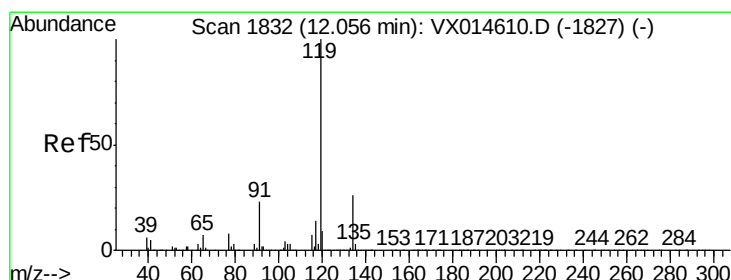
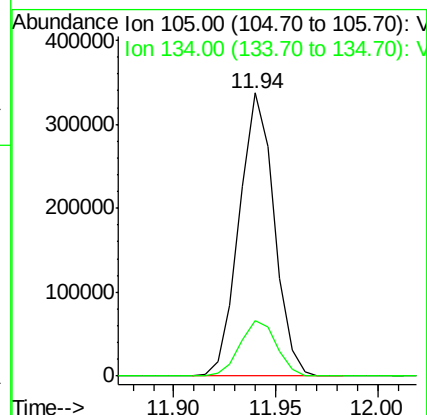
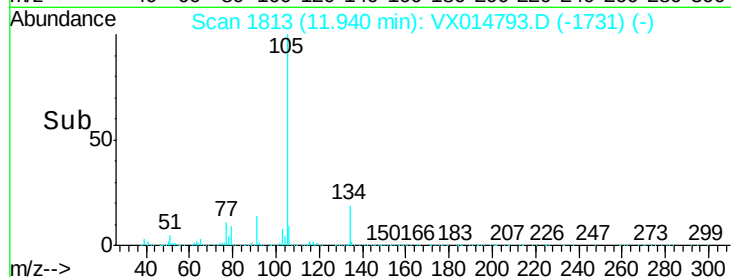
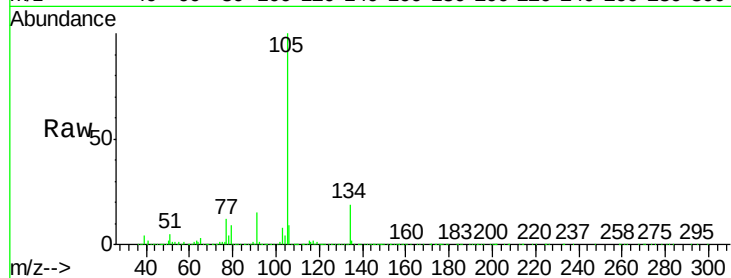
Ion Ratio Lower Upper

105 100

134 20.6 0.0 40.2

Manual Integrations
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#82

p-Isopropyltoluene

Concen: 21.186 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

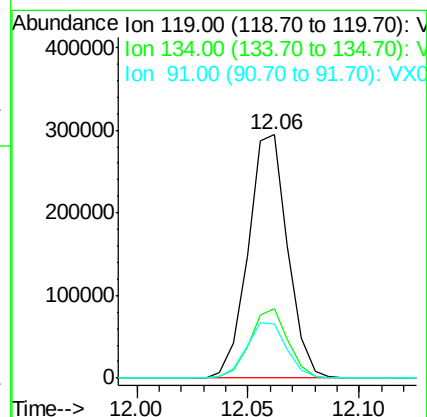
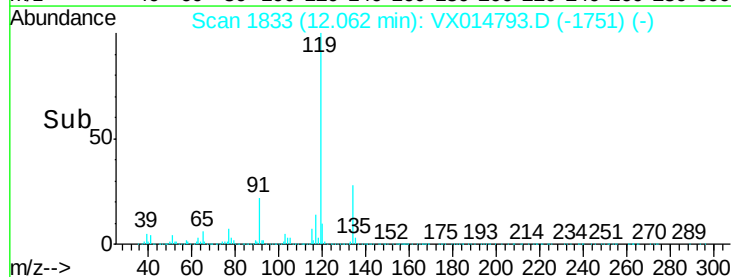
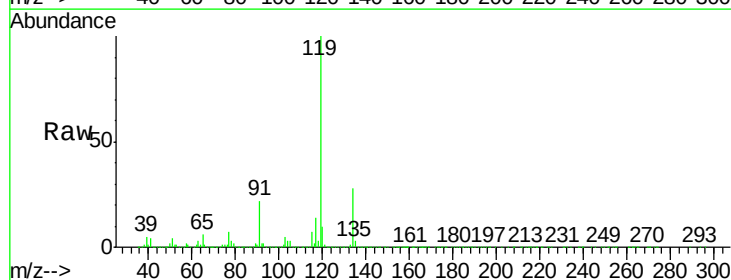
Tgt Ion:119 Resp: 362434

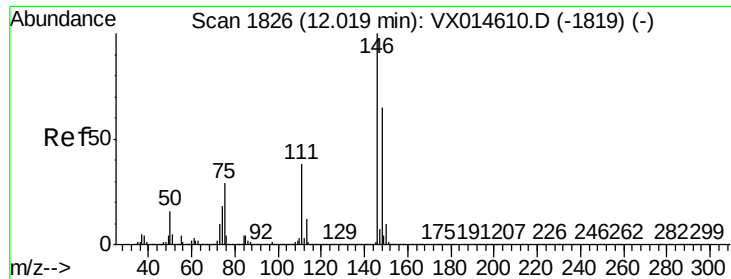
Ion Ratio Lower Upper

119 100

134 27.5 0.0 53.8

91 23.4 0.0 45.0





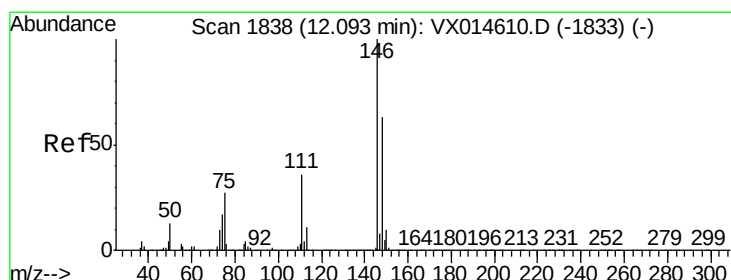
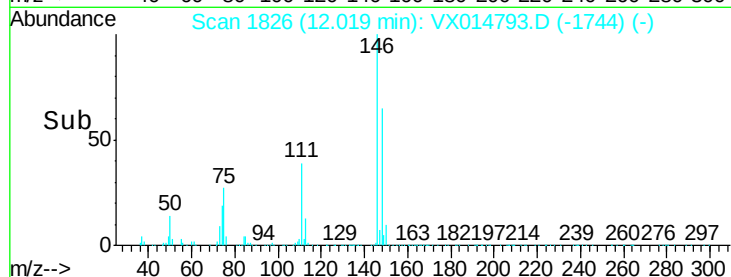
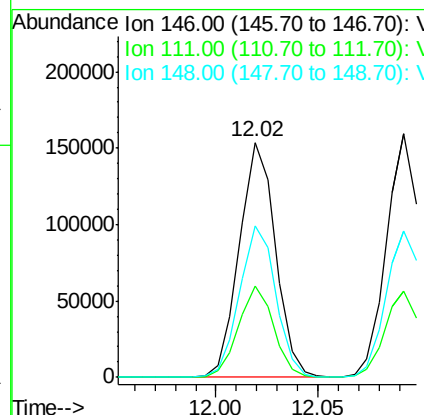
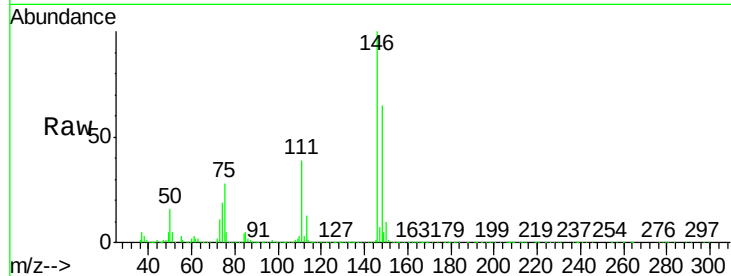
#83
 1,3-Dichlorobenzene
 Concen: 21.030 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.9
148	65.0	32.2	96.6

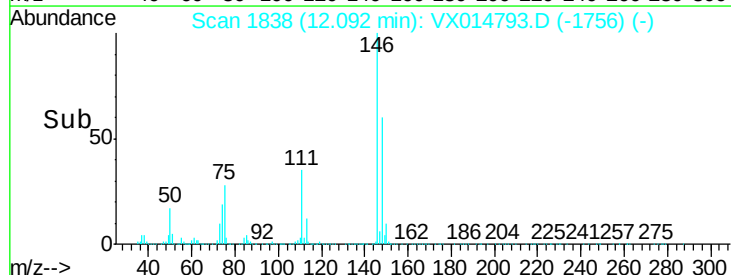
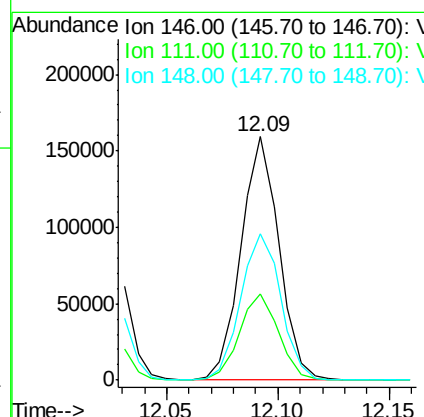
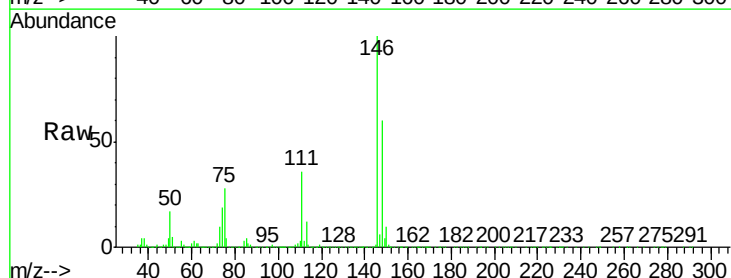
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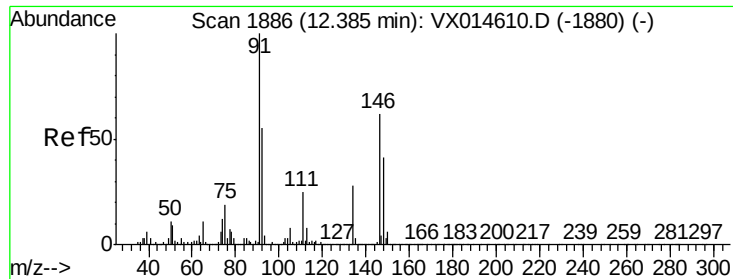
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#84
 1,4-Dichlorobenzene
 Concen: 21.284 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.4
148	63.3	32.0	96.0





#85

n-Butylbenzene

Concen: 20.391 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Instrument :

MSVOA_X

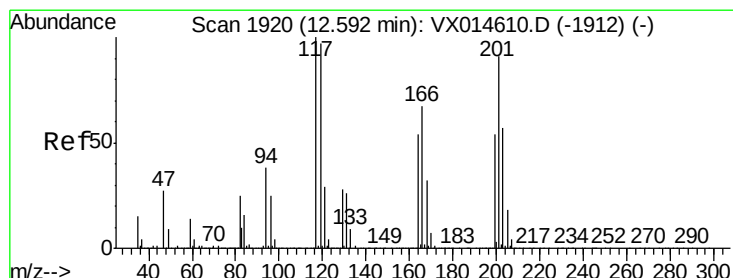
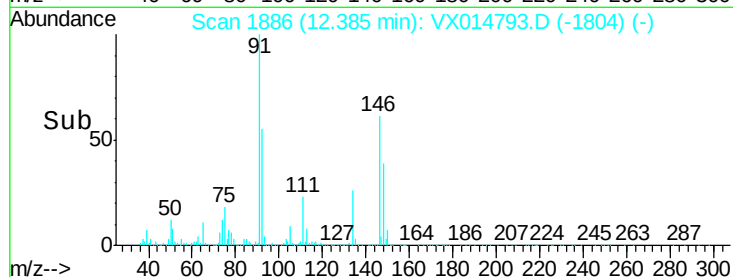
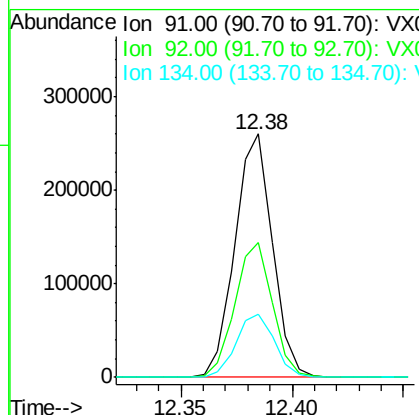
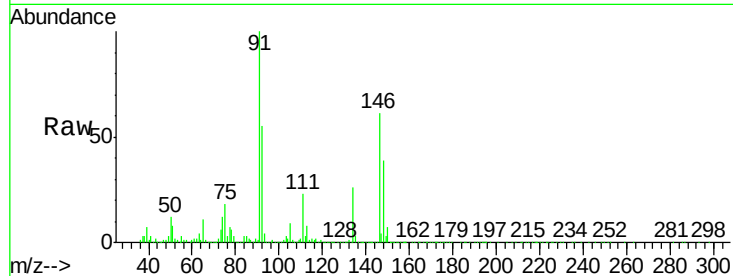
ClientSampleId :

VX0203WBS02

Tot Ion:	91	Resp:	305214
Ion Ratio	Lower	Upper	
91	100		
92	55.5	0.0	109.0
134	26.7	0.0	54.0

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#86

Hexachloroethane

Concen: 20.816 ug/l

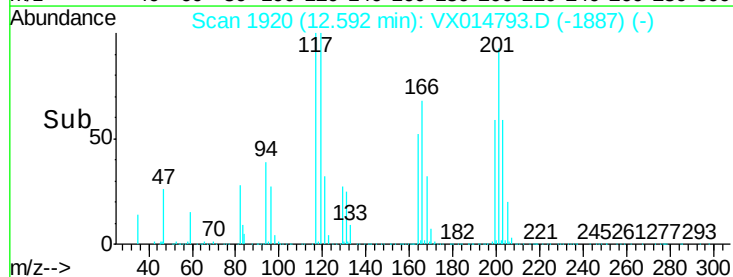
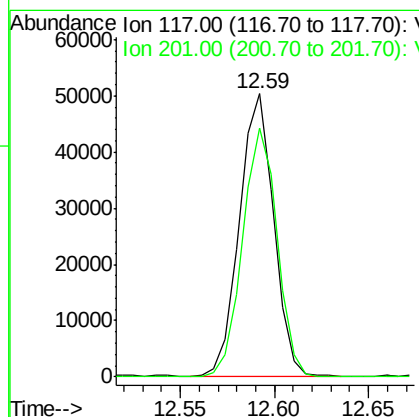
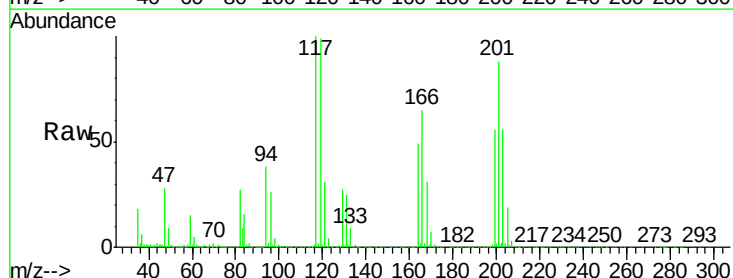
RT: 12.59 min Scan# 1920

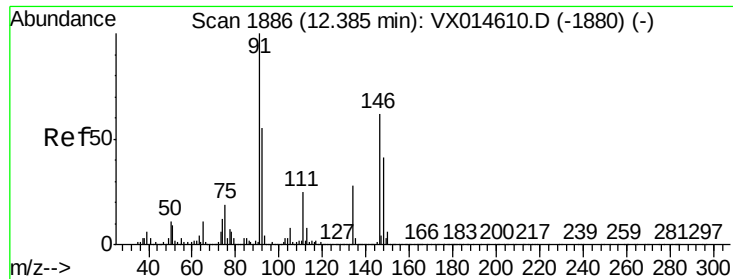
Delta R.T. -0.00 min

Lab File: VX014793.D

Acq: 03 Feb 2020 13:44

Tgt Ion:	117	Resp:	63859
Ion Ratio	Lower	Upper	
117	100		
201	87.9	44.8	134.3





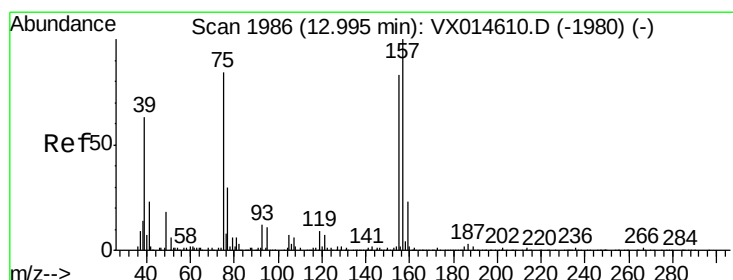
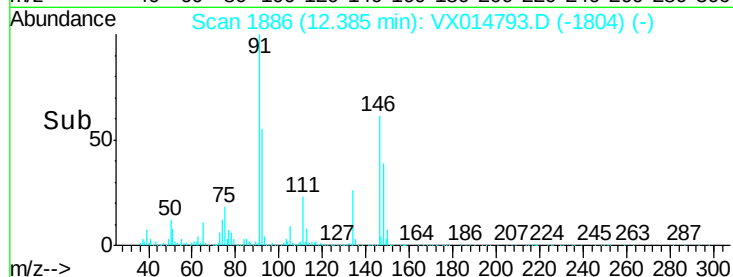
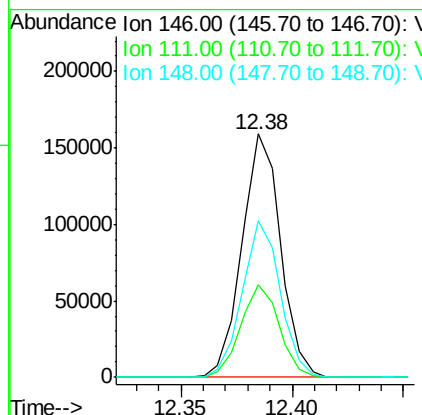
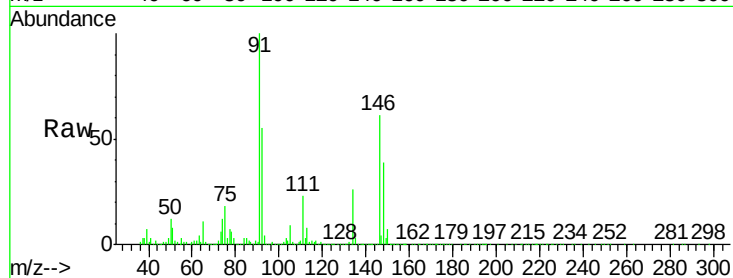
#87
 1,2-Dichlorobenzene
 Concen: 21.237 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.1	60.2
148	63.6	32.0	96.2

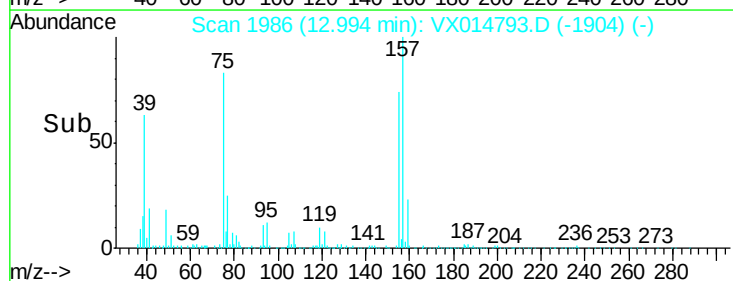
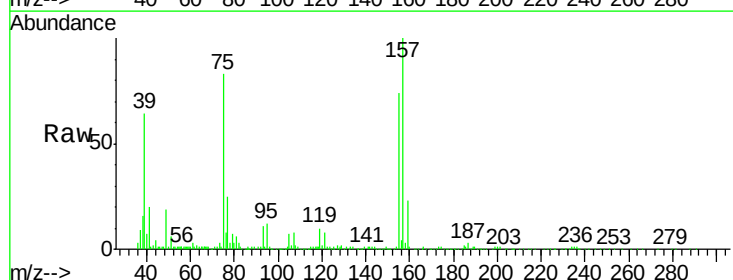
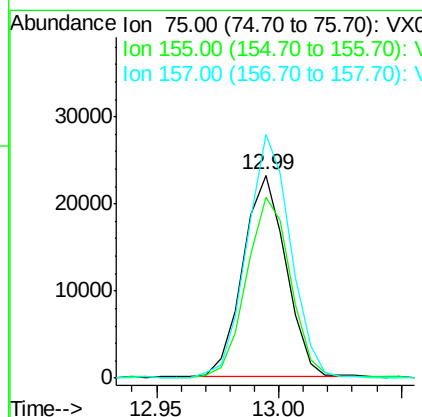
Manual Integrations
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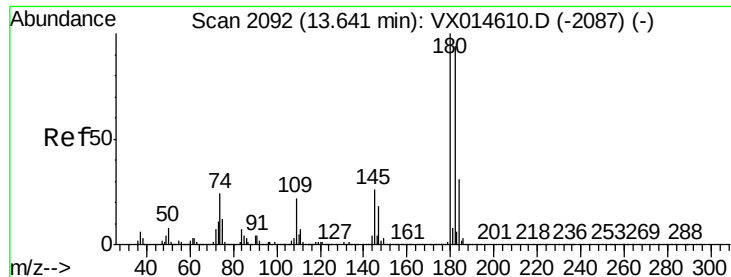
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.284 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	73.8	110.6
157	122.7	95.0	142.4





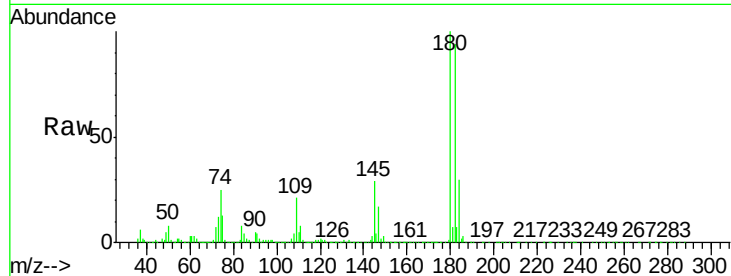
#89
 1,2,4-Trichlorobenzene
 Concen: 20.821 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampled :
 VX0203WBS02

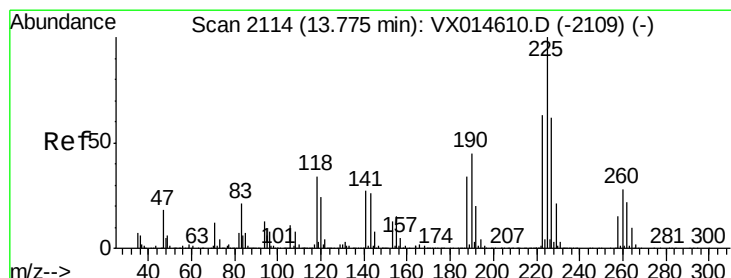
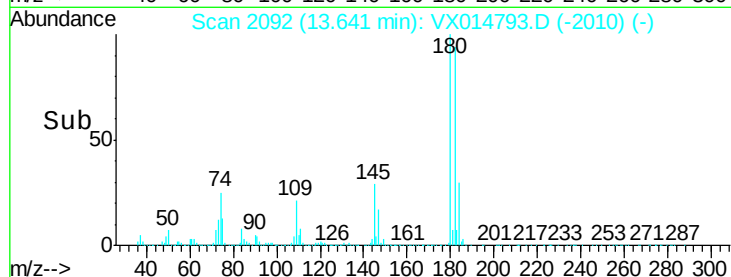
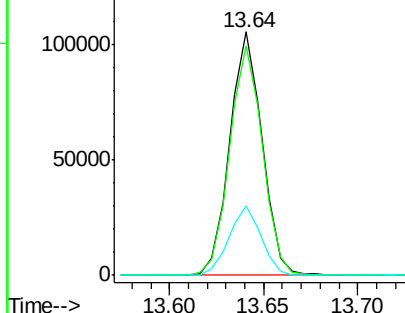
Tot Ion:	180	Resp:	124664
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.4	114.6
145	28.2	21.9	32.9

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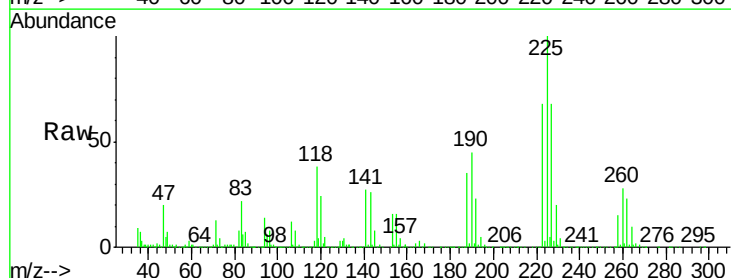


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

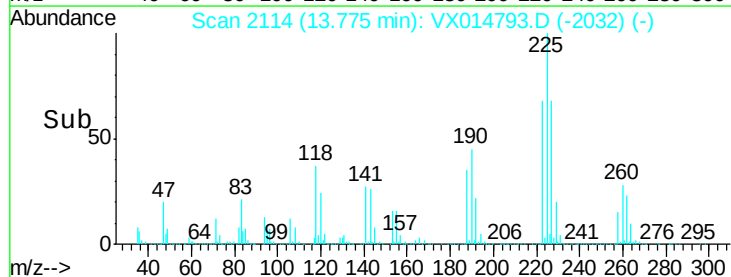
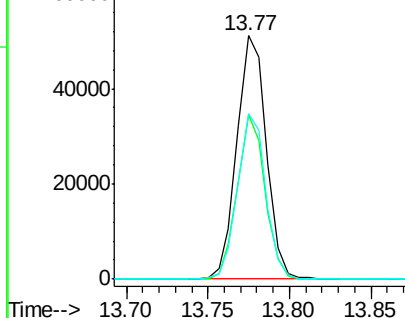


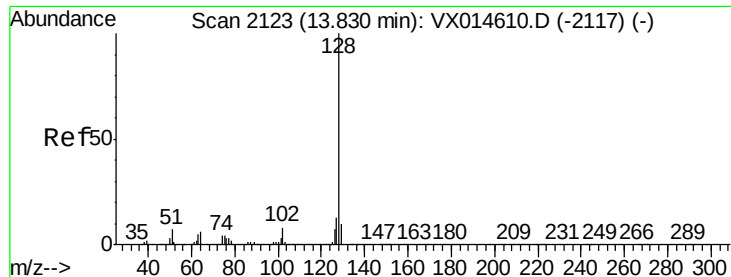
#90
 Hexachlorobutadiene
 Concen: 21.442 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014793.D
 Acq: 03 Feb 2020 13:44

Tgt Ion:	225	Resp:	64150
Ion Ratio	Lower	Upper	
225	100		
223	63.9	0.0	127.4
227	65.4	0.0	122.8



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





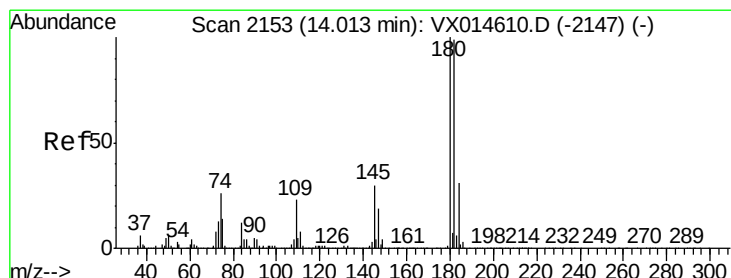
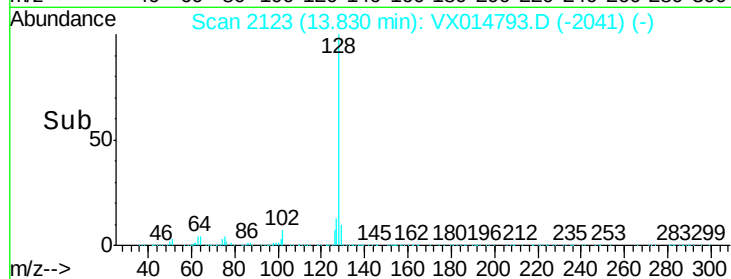
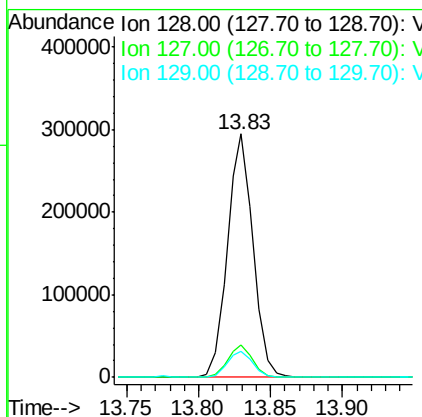
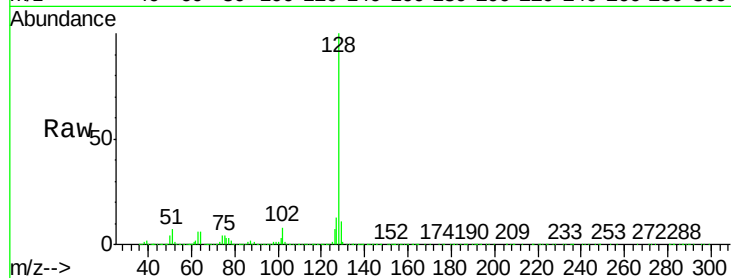
#91
Naphthalene
Concen: 20.299 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.6	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 21.049 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014793.D
Acq: 03 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	192.8
145	29.6	0.0	60.0

