

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011754.D
 Acq On : 22 Aug 2019 11:27
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX082219

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 1:56:01 PM

Quant Time: Aug 23 01:54:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	422207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	555304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	520091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	198059	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.49	113	181340	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	664331	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.13	95	251456	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	217301	55.147	ug/l	99
3) Chloromethane	1.32	50	188896	54.664	ug/l	98
4) Vinyl Chloride	1.40	62	172142	49.832	ug/l	99
5) Bromomethane	1.63	94	98772	51.902	ug/l	97
6) Chloroethane	1.71	64	98330	48.685	ug/l	99
7) Trichlorofluoromethane	1.92	101	278626	50.661	ug/l	98
8) Diethyl Ether	2.18	74	90721	48.511	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	176143	51.757	ug/l	98
10) Methyl Iodide	2.50	142	211647	50.915	ug/l	97
11) Tert butyl alcohol	3.04	59	211635	252.516	ug/l	99
12) 1,1-Dichloroethene	2.36	96	165311	49.815	ug/l	98
13) Acrolein	2.28	56	82965	256.085	ug/l	96
14) Allyl chloride	2.72	41	271358	52.318	ug/l	99
15) Acrylonitrile	3.13	53	488440	254.797	ug/l	100
16) Acetone	2.43	43	501242	271.676	ug/l	97
17) Carbon Disulfide	2.56	76	434131	51.742	ug/l	100
18) Methyl Acetate	2.76	43	258844	51.703	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	537573	50.501	ug/l	99
20) Methylene Chloride	2.85	84	181225	48.045	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	179909	50.263	ug/l	96
22) Diisopropyl ether	3.85	45	513268	51.032	ug/l	96
23) Vinyl Acetate	3.81	43	2139747	256.951	ug/l	98
24) 1,1-Dichloroethane	3.68	63	289566	48.762	ug/l	99
25) 2-Butanone	4.66	43	691133	260.978	ug/l	99
26) 2,2-Dichloropropane	4.57	77	259012	51.361	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	203269	49.520	ug/l	98
28) Bromochloromethane	5.01	49	122229	45.343	ug/l	98
29) Tetrahydrofuran	5.12	42	427867	252.044	ug/l	99
30) Chloroform	5.20	83	315688	48.999	ug/l	98
31) Cyclohexane	5.57	56	275847	52.892	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	290262	51.828	ug/l	100
36) 1,1-Dichloropropene	5.79	75	236486	54.307	ug/l	98
37) Ethyl Acetate	4.82	43	250672	54.397	ug/l	99
38) Carbon Tetrachloride	5.77	117	261376	52.963	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	308383	57.149	ug/l	99
40) Benzene	6.13	78	699587	51.934	ug/l	98
41) Methacrylonitrile	5.03	41	131625	49.113	ug/l	99
42) 1,2-Dichloroethane	6.18	62	240728	48.886	ug/l	98
43) Isopropyl Acetate	6.43	43	395437	53.018	ug/l	98
44) Trichloroethene	7.21	130	214790	51.726	ug/l	98
45) 1,2-Dichloropropane	7.51	63	176817	52.222	ug/l	100
46) Dibromomethane	7.65	93	124914	50.040	ug/l	99
47) Bromodichloromethane	7.89	83	238130	52.992	ug/l	98
48) Methyl methacrylate	7.76	41	199650	53.787	ug/l	99
49) 1,4-Dioxane	7.73	88	96998	943.155	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1298930	264.300	ug/l	100
52) Toluene	8.78	92	455002	52.196	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	263762	55.913	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	284167	55.218	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	186569	51.371	ug/l	98
56) Ethyl methacrylate	9.17	69	287057	55.577	ug/l	99
57) 1,3-Dichloropropane	9.37	76	293395	50.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	779155	286.771	ug/l	100
59) 2-Hexanone	9.49	43	1017660	269.786	ug/l	99
60) Dibromochloromethane	9.58	129	214454	54.614	ug/l	100
61) 1,2-Dibromoethane	9.67	107	206231	52.922	ug/l	100
64) Tetrachloroethene	9.33	164	212682	51.259	ug/l	97
65) Chlorobenzene	10.13	112	520551	51.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	199826	52.525	ug/l	100
67) Ethyl Benzene	10.25	91	888867	52.383	ug/l	98
68) m/p-Xylenes	10.35	106	701372	107.198	ug/l	99
69) o-Xylene	10.69	106	334500	52.073	ug/l	98
70) Styrene	10.71	104	578805	53.862	ug/l	98
71) Bromoform	10.85	173	179034	54.552	ug/l #	98
73) Isopropylbenzene	11.01	105	907827	53.665	ug/l	100
74) N-amyl acetate	10.90	43	352618	53.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	274519	49.027	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	242075m	49.146	ug/l	
77) Bromobenzene	11.25	156	245546	49.236	ug/l	99
78) n-propylbenzene	11.36	91	999193	55.239	ug/l	99
79) 2-Chlorotoluene	11.42	91	591032	52.520	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	763099	54.065	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	89203	54.616	ug/l	98
82) 4-Chlorotoluene	11.51	91	691229	53.287	ug/l	100
83) tert-Butylbenzene	11.77	119	771058	55.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	757166	53.122	ug/l	99
85) sec-Butylbenzene	11.94	105	895815	56.236	ug/l	100
86) p-Isopropyltoluene	12.06	119	863073	56.312	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	453148	52.765	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	453925	52.242	ug/l	99
89) n-Butylbenzene	12.38	91	716672	56.486	ug/l	100
90) Hexachloroethane	12.59	117	133028	55.869	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	442032	51.031	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65892	50.625	ug/l	99

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QLast Update : Fri Aug 23 01:48:12 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	348905	54.760	ug/l	100
94) Hexachlorobutadiene	13.78	225	195194	55.907	ug/l	99
95) Naphthalene	13.83	128	969060	55.222	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	352418	55.086	ug/l	98

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

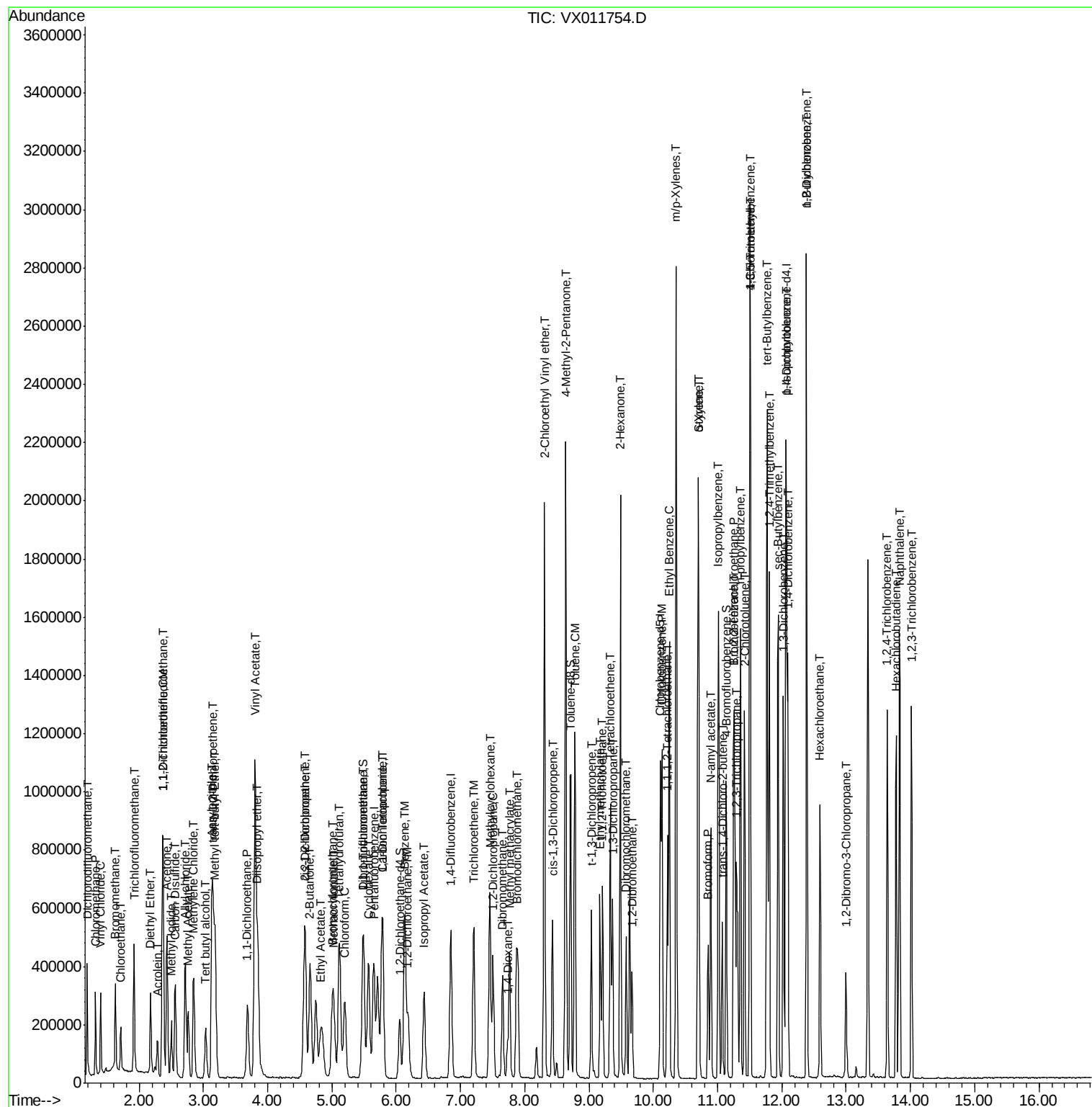
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082219\
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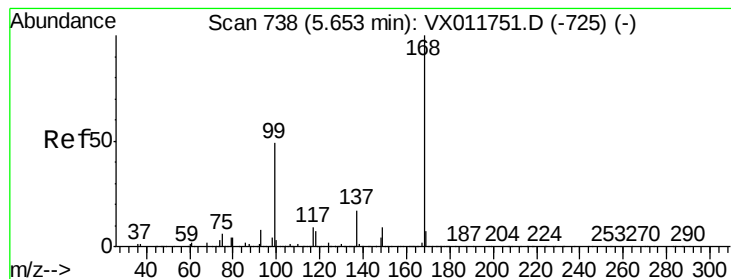
Instrument :
 MSVOA_X
 Client Sample ID :
 ICVVX082219

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion:168 Resp: 422207

Ion Ratio Lower Upper

168 100

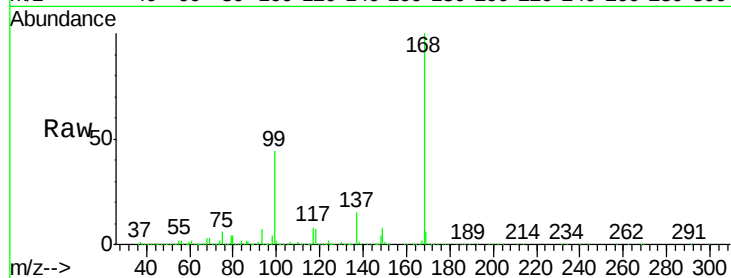
99 43.8 39.4 59.2

Manual Integrations

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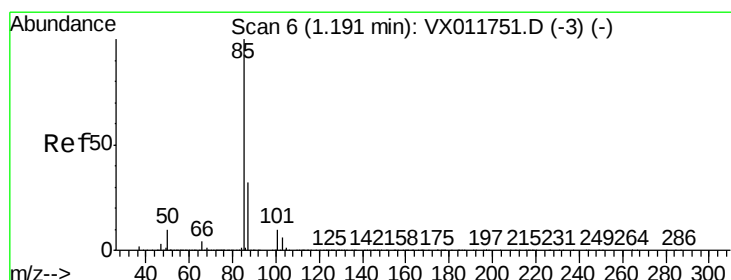
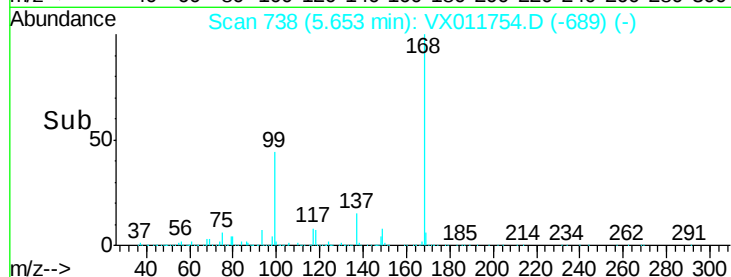
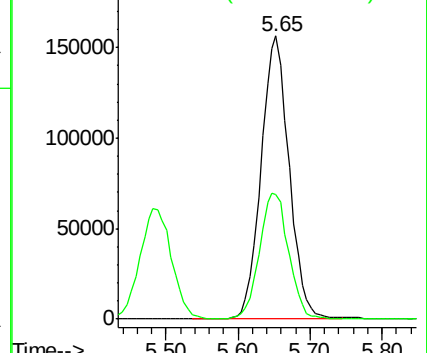
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.147 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011754.D

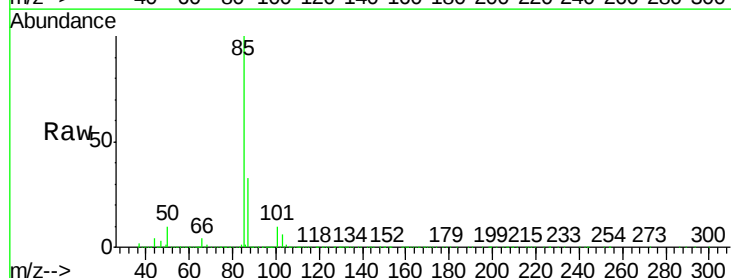
Acq: 22 Aug 2019 11:27

Tgt Ion: 85 Resp: 217301

Ion Ratio Lower Upper

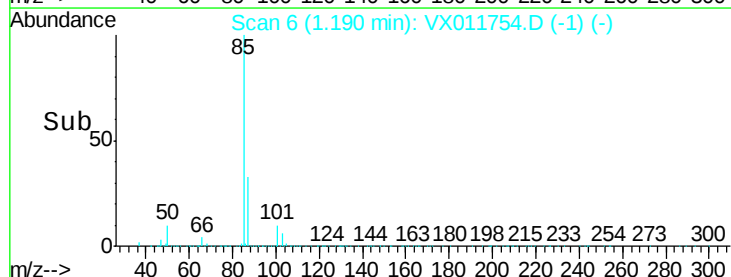
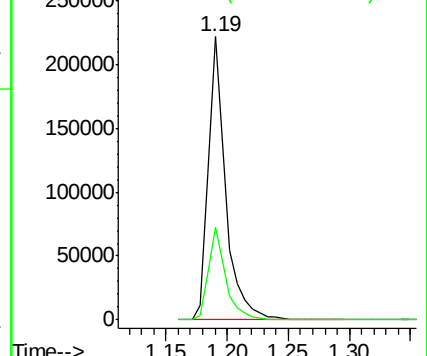
85 100

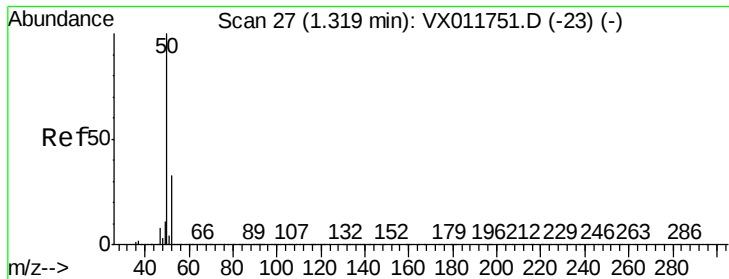
87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.664 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion: 50 Resp: 188896

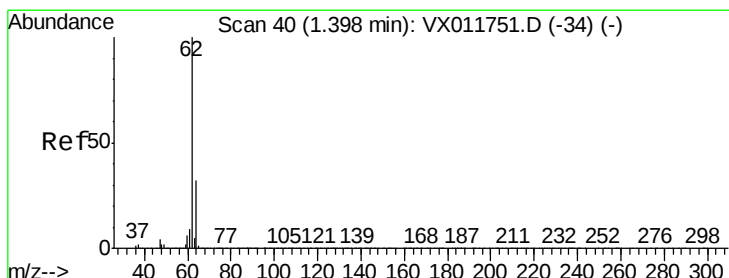
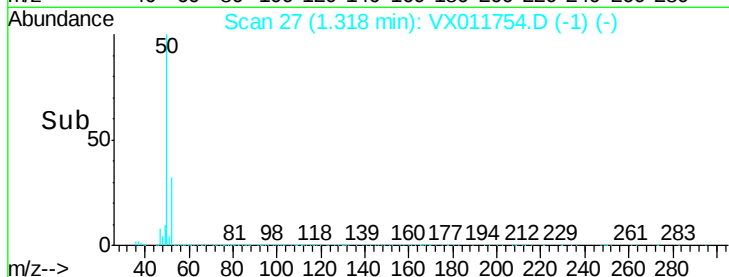
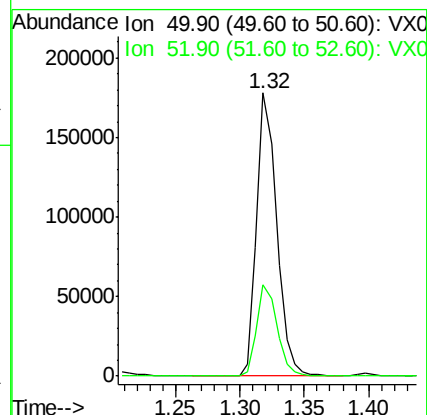
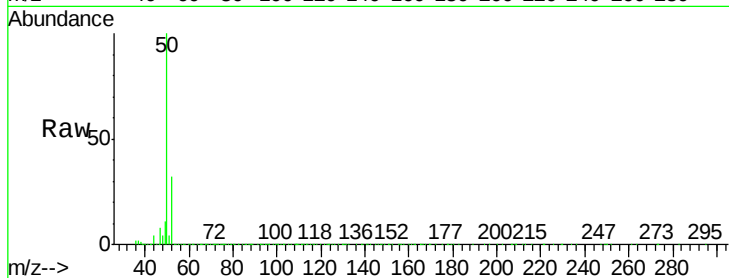
Ion Ratio Lower Upper

50 100

52 32.1 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.832 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011754.D

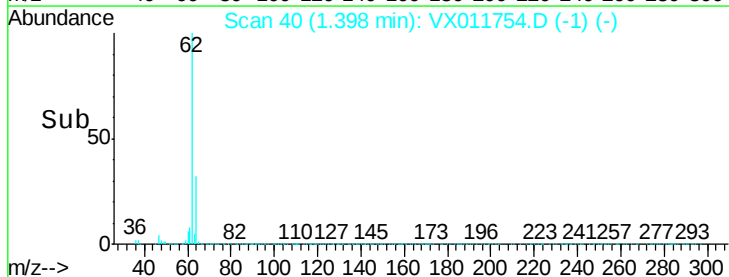
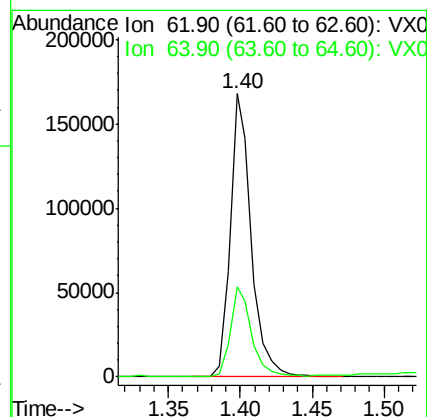
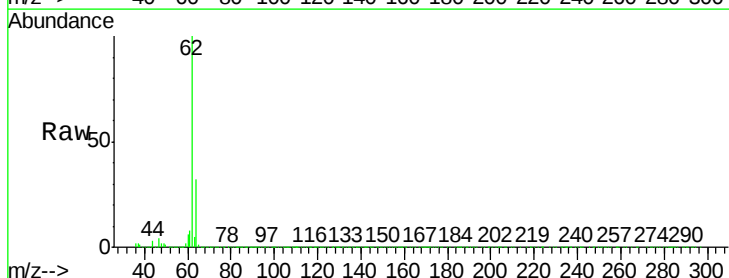
Acq: 22 Aug 2019 11:27

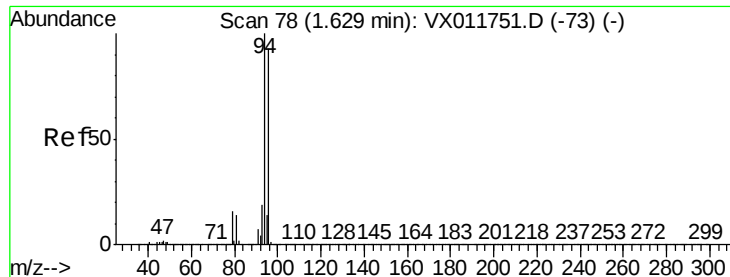
Tgt Ion: 62 Resp: 172142

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 51.902 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 98772

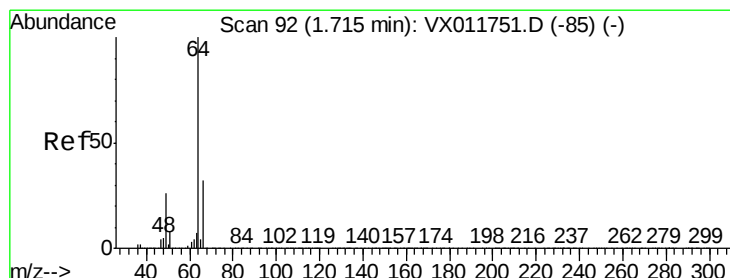
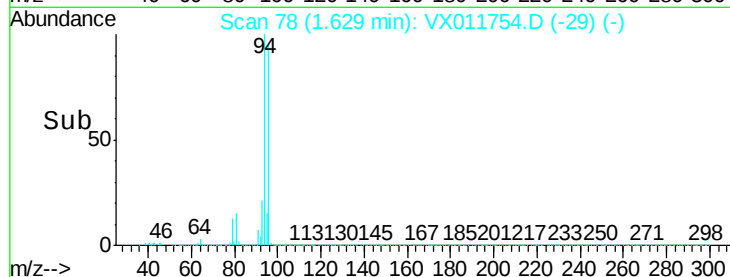
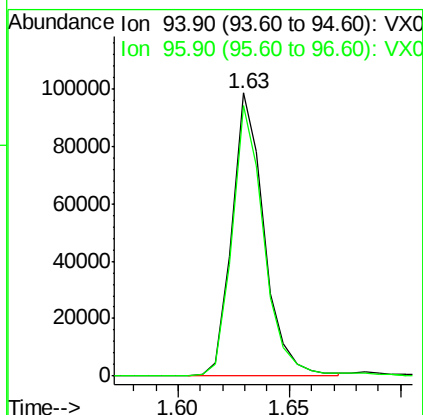
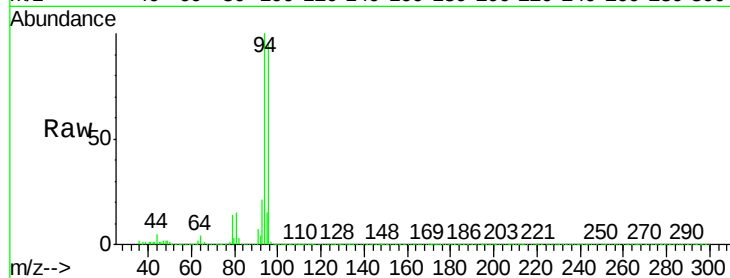
Ion Ratio Lower Upper

94 100

96 95.4 74.1 111.1

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#6

Chloroethane

Concen: 48.685 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011754.D

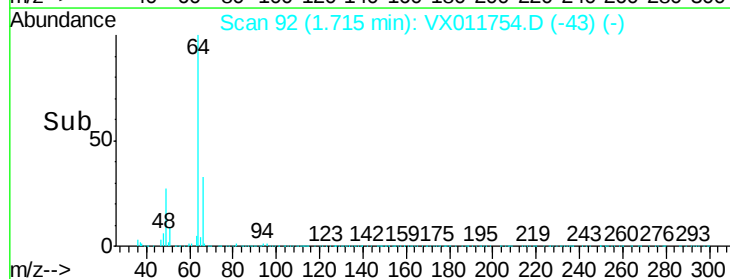
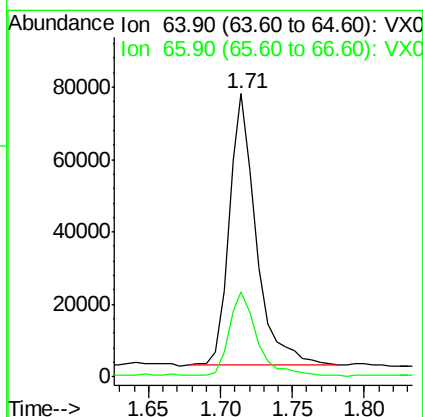
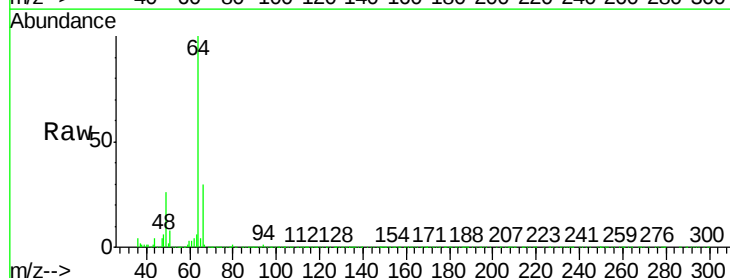
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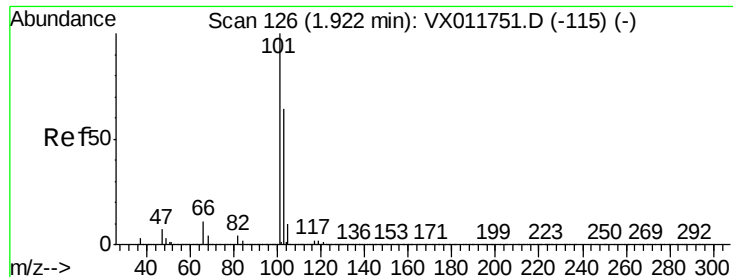
Tgt Ion: 64 Resp: 98330

Ion Ratio Lower Upper

64 100

66 30.7 24.9 37.3





#7

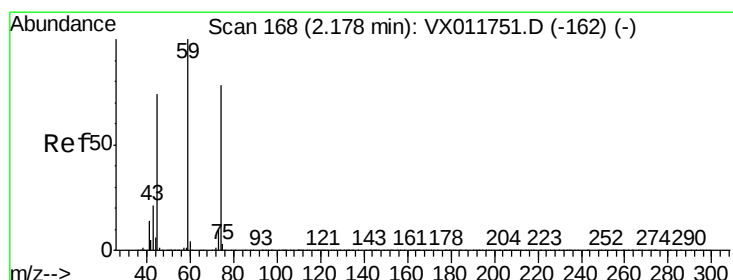
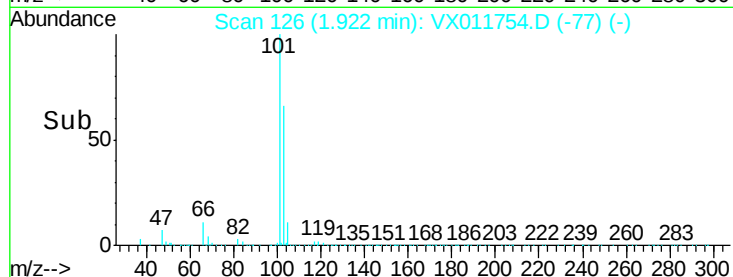
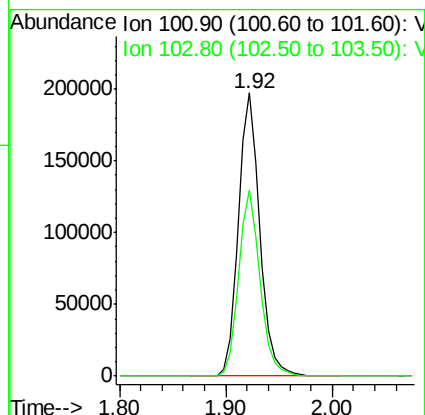
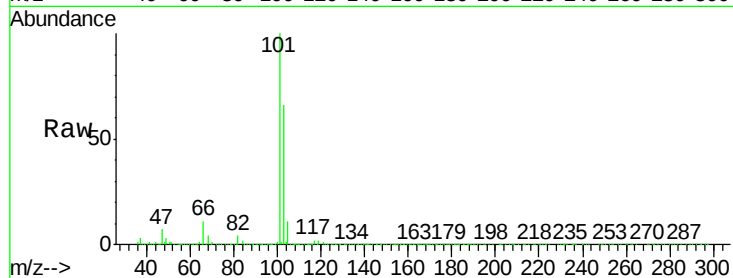
Trichlorofluoromethane
Concen: 50.661 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
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ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Resp	Lower	Upper
101	100	278626		
103	65.7	51.2	76.8	

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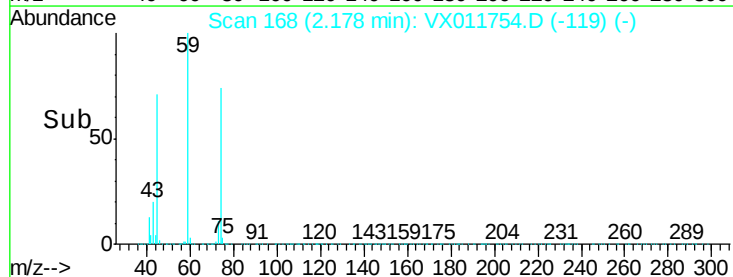
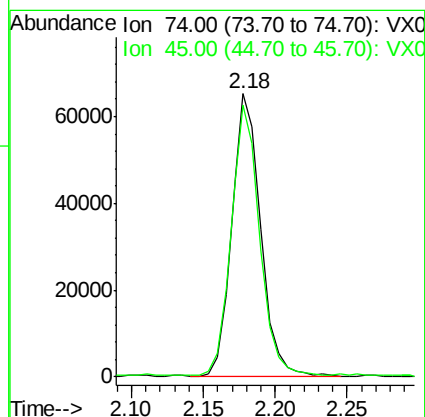
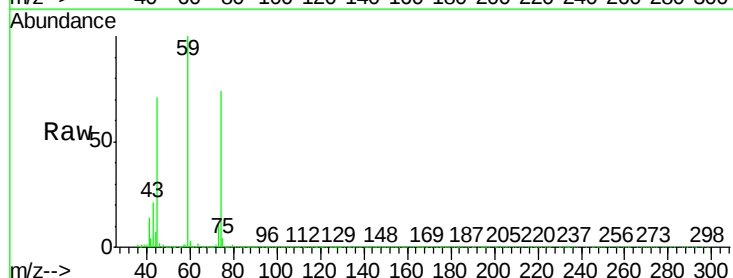
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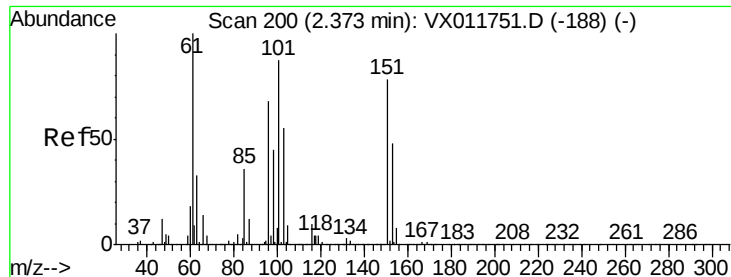


#8

Diethyl Ether
Concen: 48.511 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	90721		
45	94.7	46.7	140.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.757 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

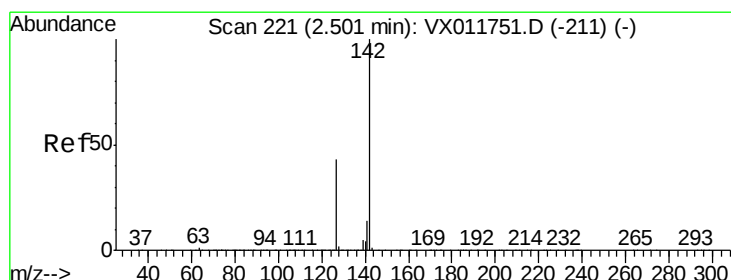
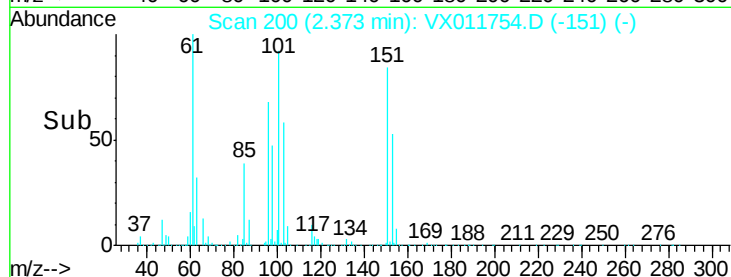
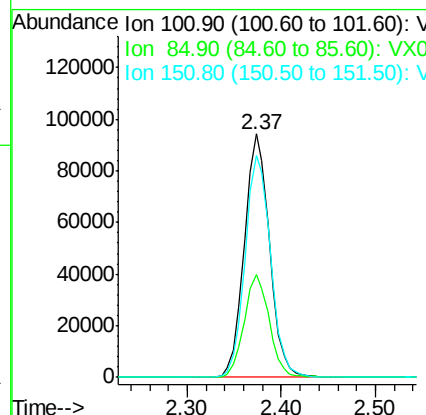
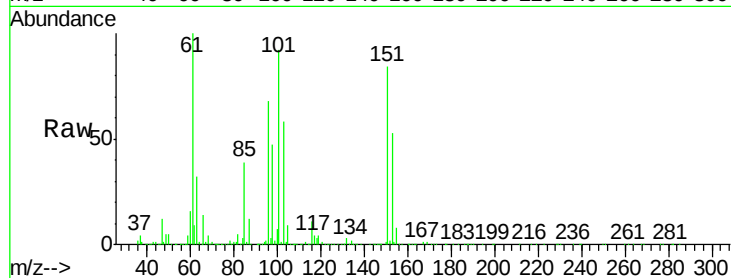
ClientSampleId :

ICVVX082219

Tot Ion:	101	Resp:	176143
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.7	50.5
151	92.4	71.4	107.2

Manual Integrations
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#10

Methyl Iodide

Concen: 50.915 ug/l

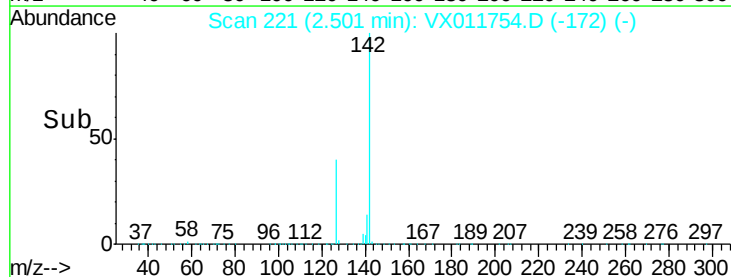
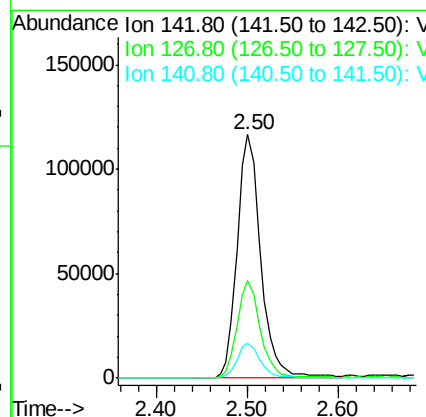
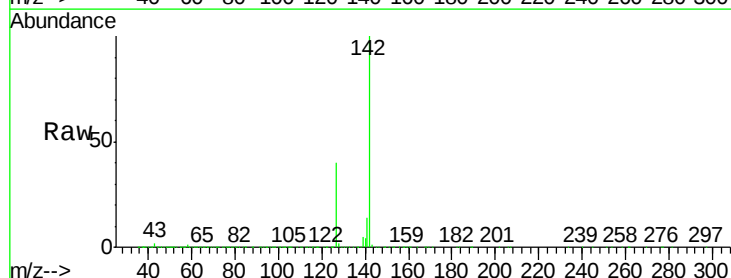
RT: 2.50 min Scan# 221

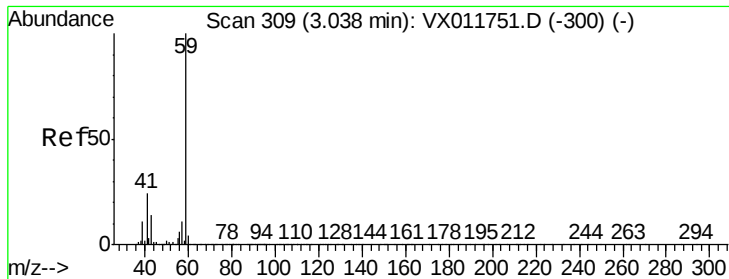
Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	142	Resp:	211647
Ion Ratio	Lower	Upper	
142	100		
127	39.5	33.5	50.3
141	14.6	11.4	17.2





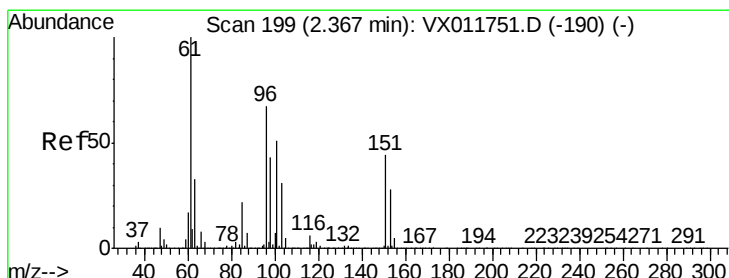
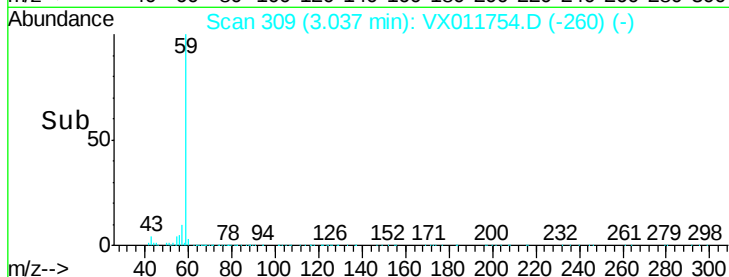
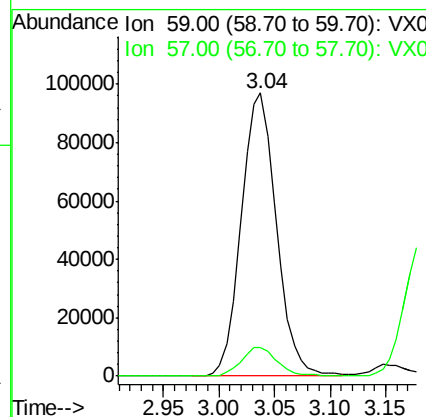
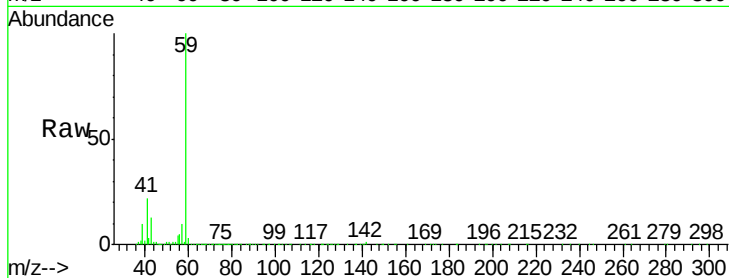
#11
Tert butyl alcohol
Concen: 252.516 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampled :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

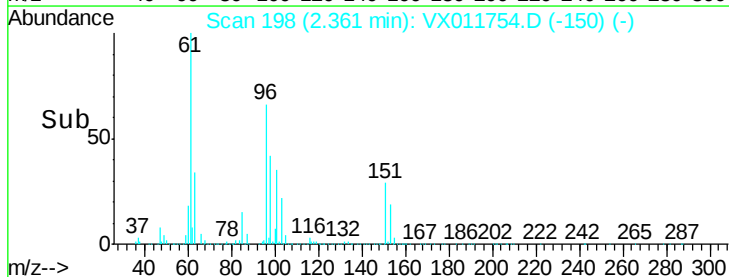
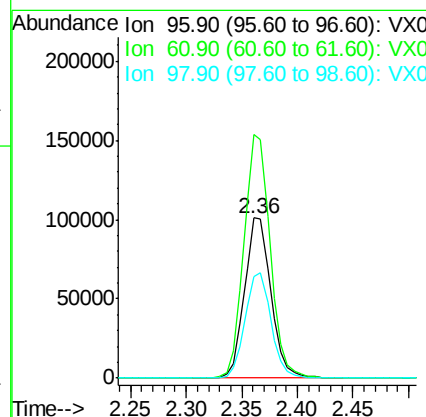
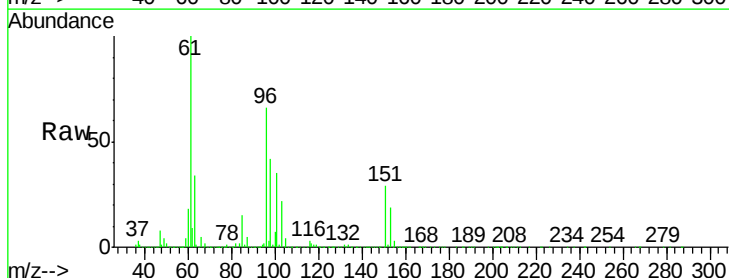
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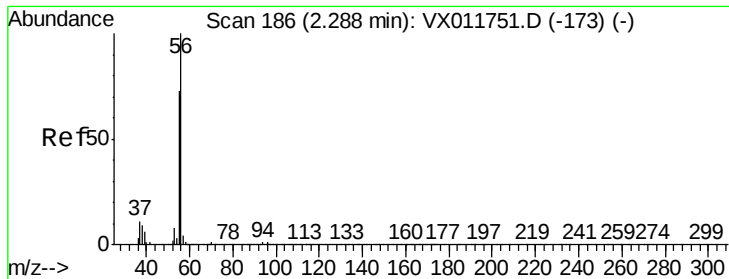
MMDadoda
8/23/2019 1:56:01 PM



#12
1,1-Dichloroethene
Concen: 49.815 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.1	119.4	179.2
98	63.6	51.2	76.8





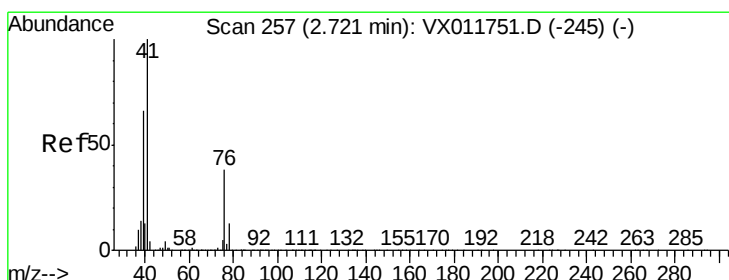
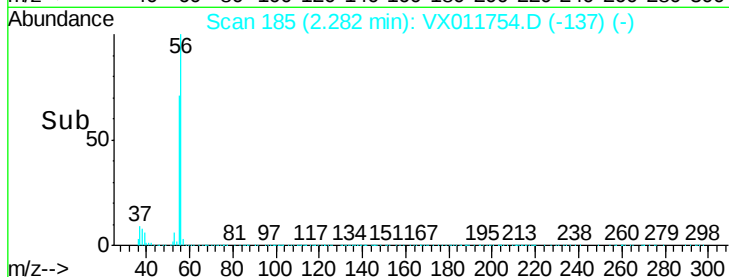
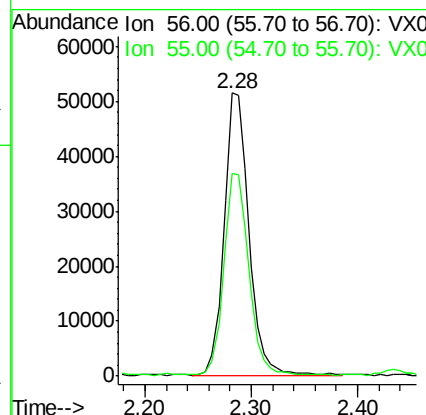
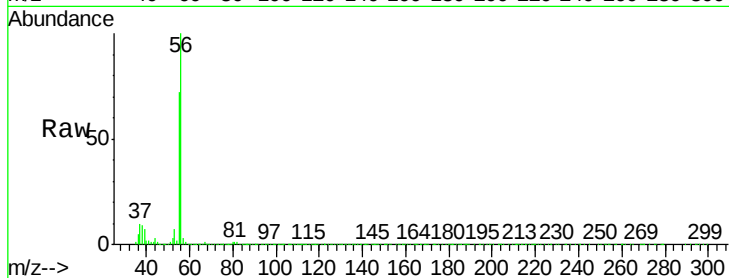
#13
Acrolein
Concen: 256.085 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	54.8	82.2

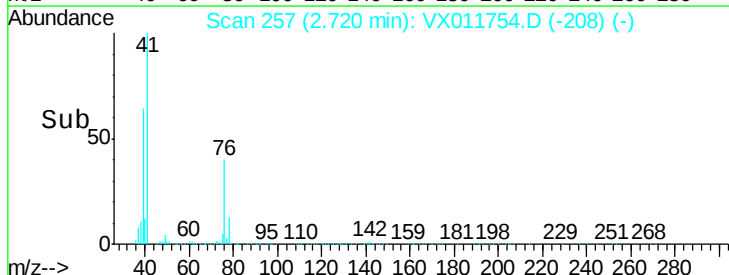
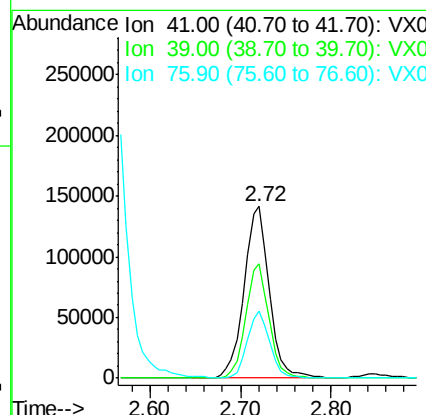
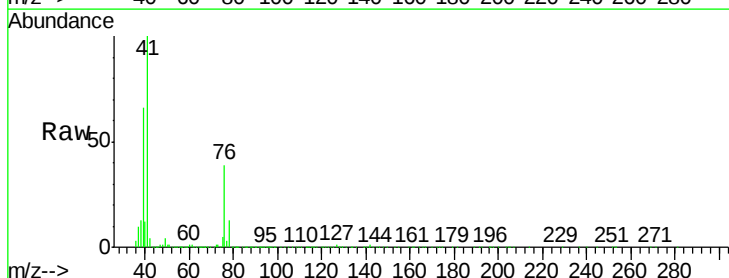
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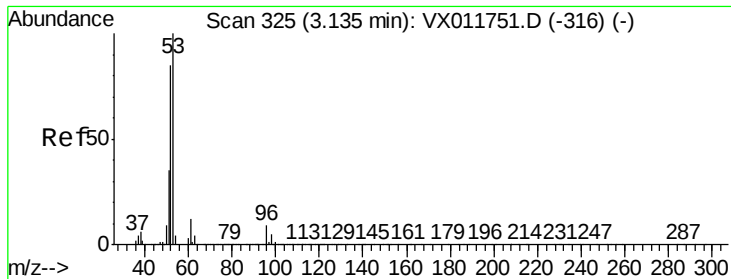
MMDadoda
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#14
Allyl chloride
Concen: 52.318 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.9	49.3	73.9
76	34.3	26.8	40.2





#15

Acrylonitrile

Concen: 254.797 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

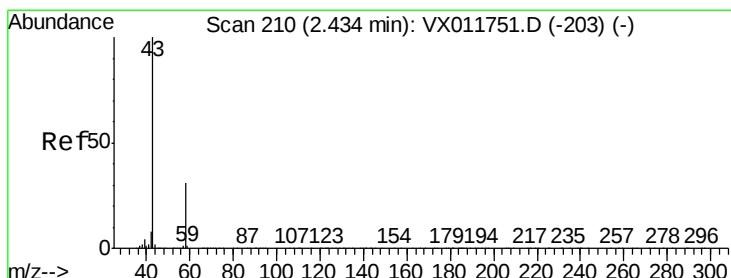
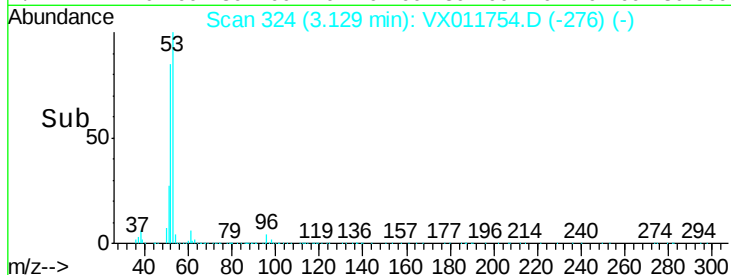
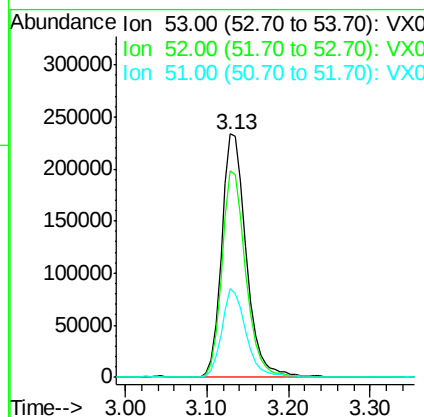
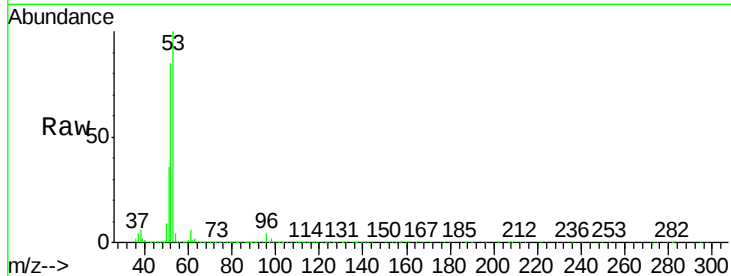
ClientSampleId :

ICVVX082219

Tot Ion:	53	Resp:	488440
Ion Ratio		Lower	Upper
53	100		
52	82.5	65.7	98.5
51	35.9	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 271.676 ug/l

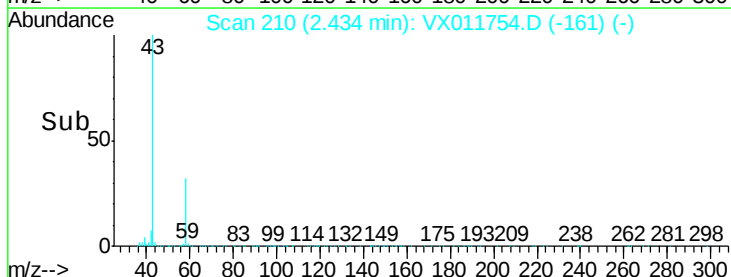
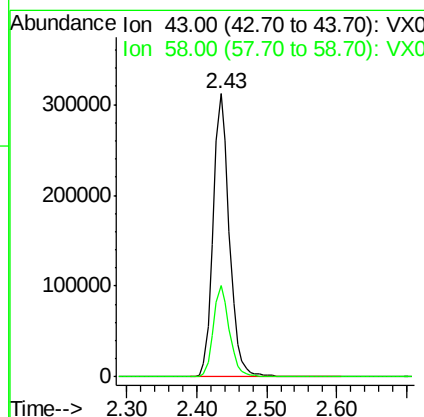
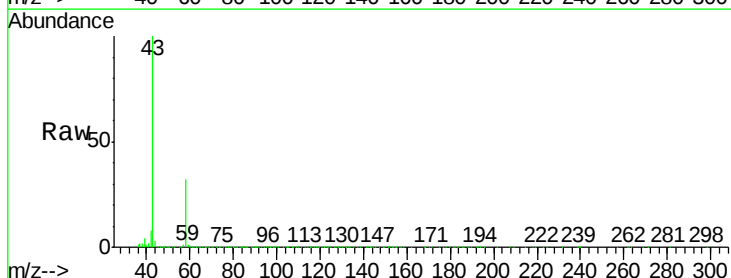
RT: 2.43 min Scan# 210

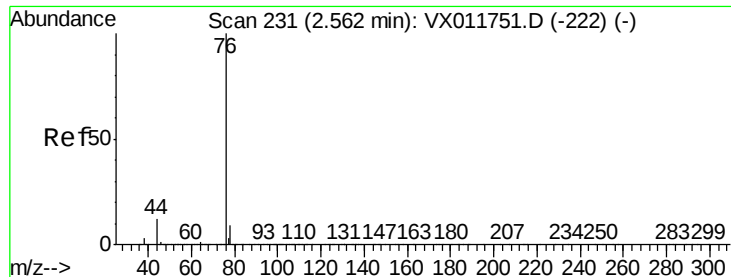
Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	43	Resp:	501242
Ion Ratio		Lower	Upper
43	100		
58	32.1	24.4	36.6





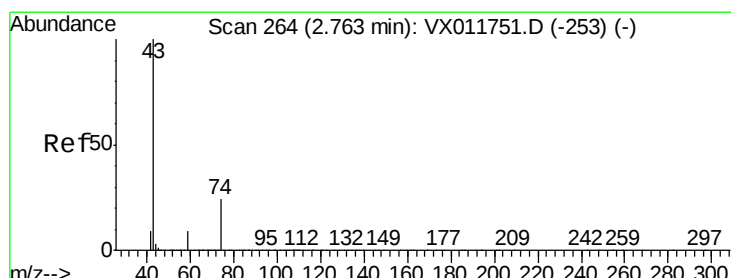
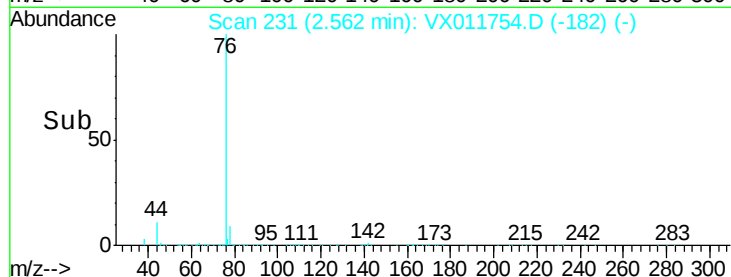
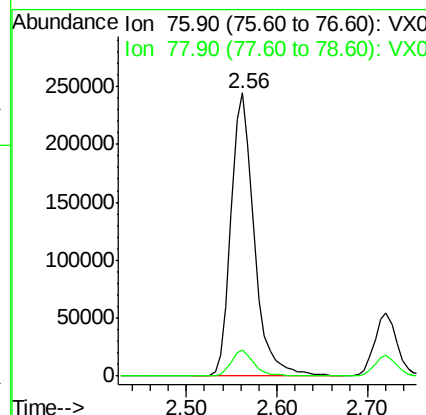
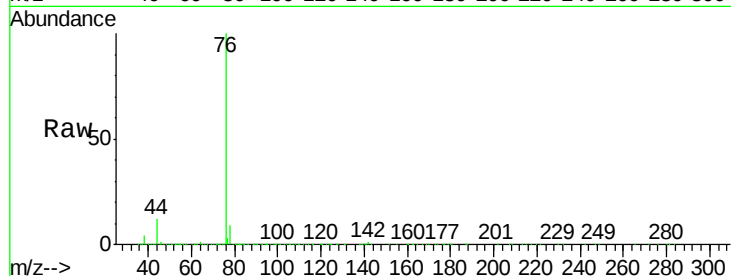
#17
Carbon Disulfide
Concen: 51.742 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

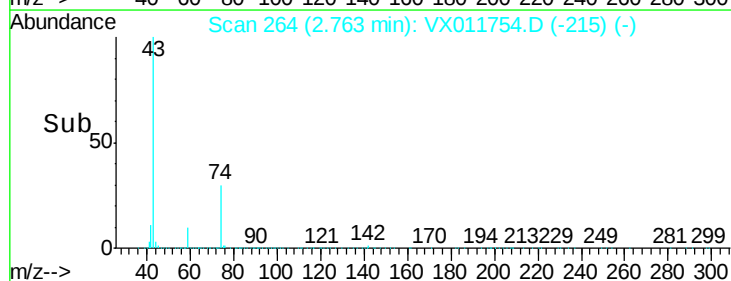
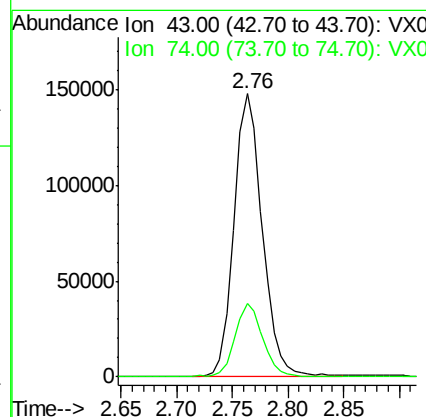
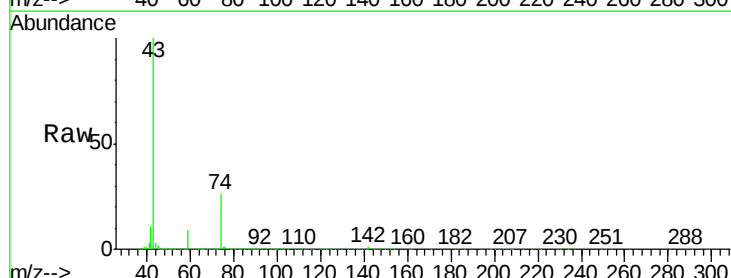
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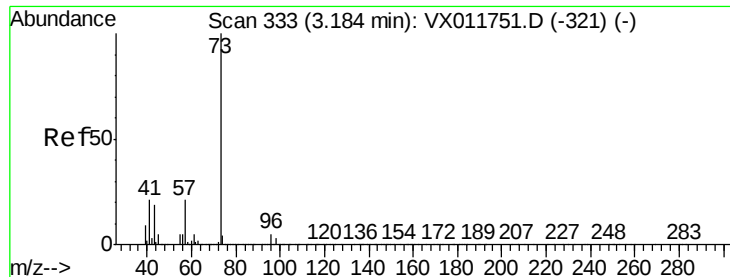
MMDadoda
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#18
Methyl Acetate
Concen: 51.703 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	19.5	29.3





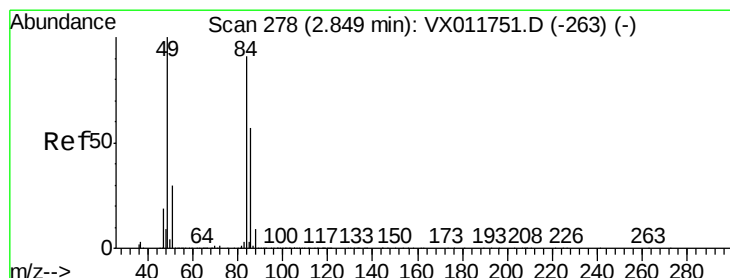
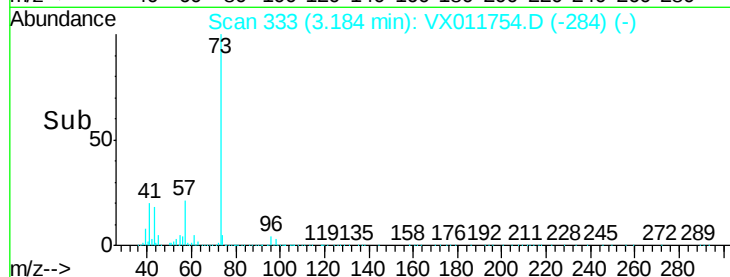
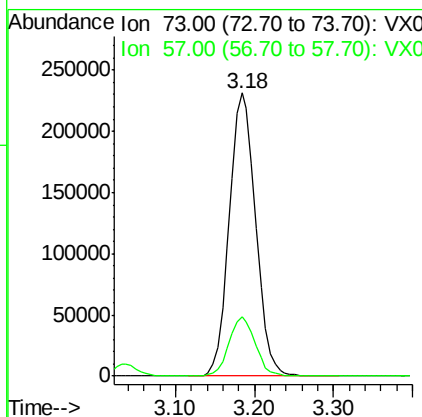
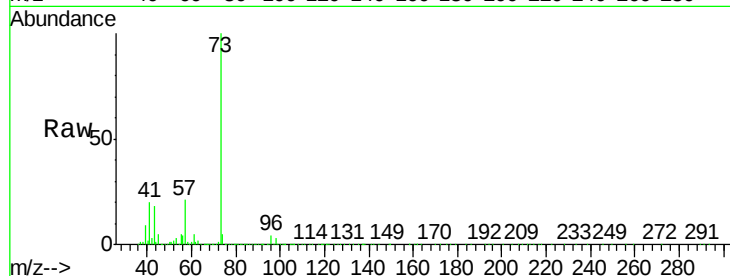
#19
Methvl tert-butvl Ether
Concen: 50.501 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.4	24.6

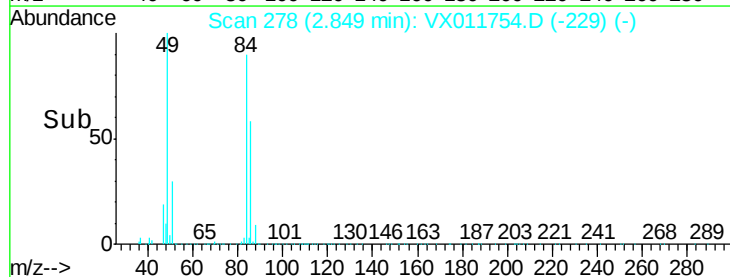
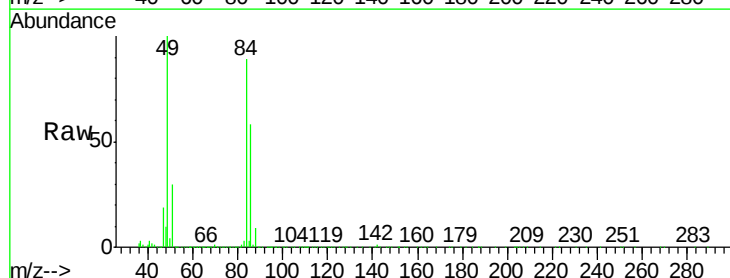
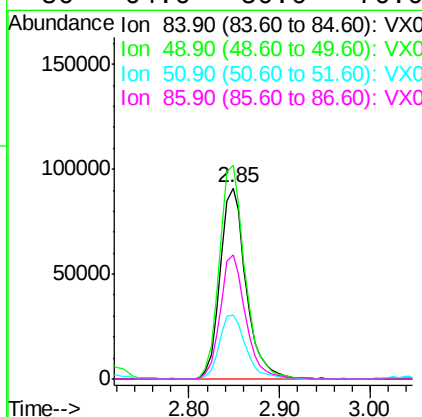
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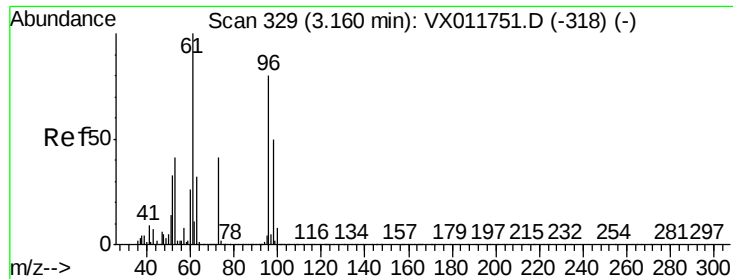
MMDadoda
8/23/2019 1:56:01 PM



#20
Methylene Chloride
Concen: 48.045 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.7	88.3	132.5
51	33.6	26.2	39.2
86	64.6	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 50.263 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

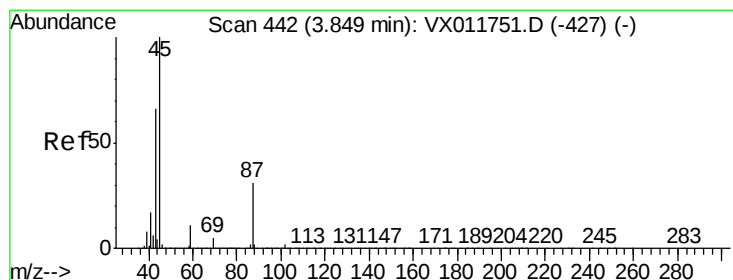
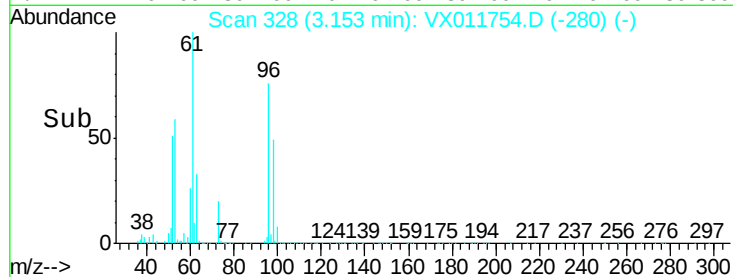
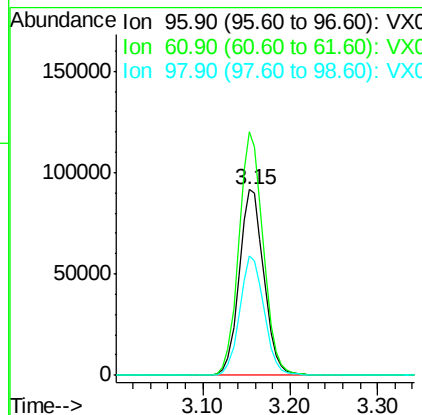
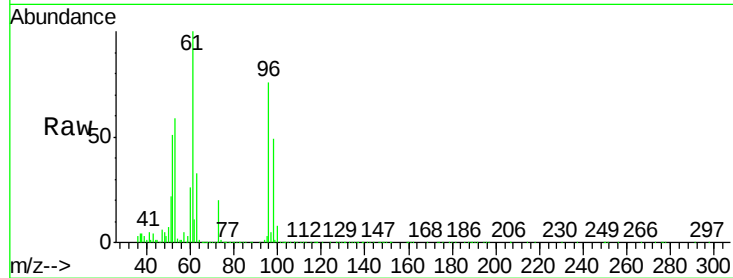
ClientSampleId :

ICVVX082219

Tot Ion:	96	Resp:	179909
Ion	Ratio	Lower	Upper
96	100		
61	130.9	99.8	149.8
98	64.2	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.032 ug/l

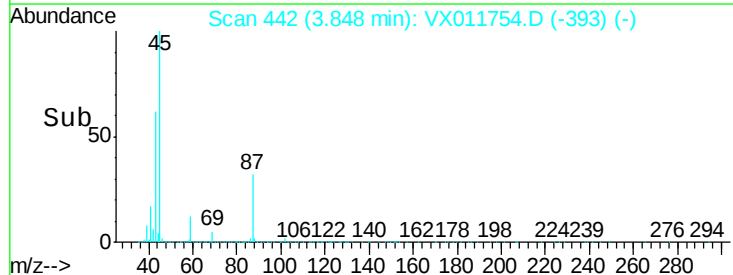
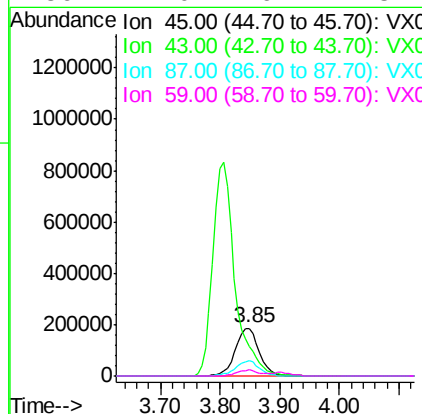
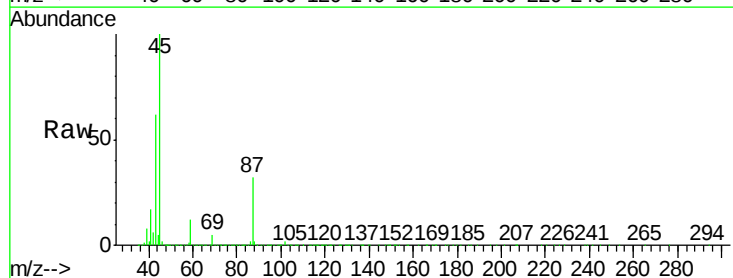
RT: 3.85 min Scan# 442

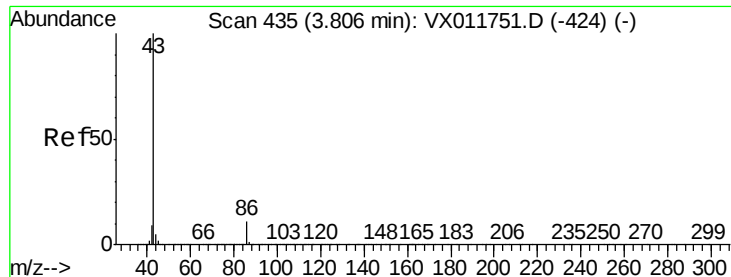
Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	45	Resp:	513268
Ion	Ratio	Lower	Upper
45	100		
43	62.0	53.0	79.6
87	31.7	24.7	37.1
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 256.951 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion: 43 Resp: 2139747

Ion Ratio Lower Upper

43 100

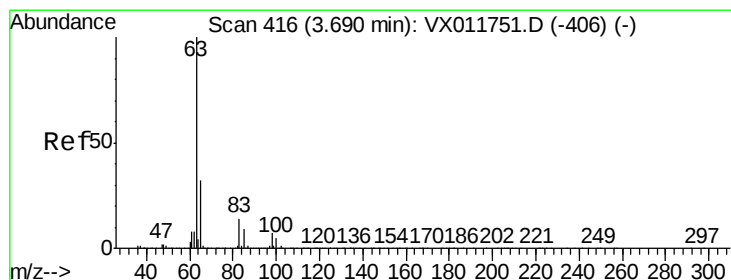
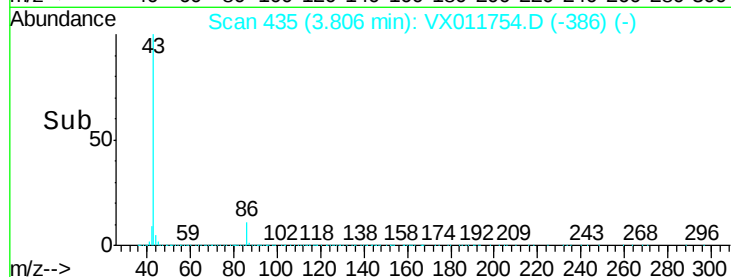
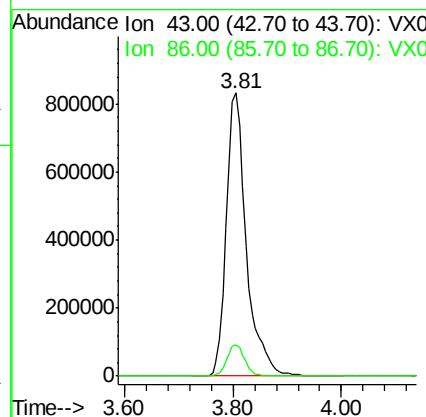
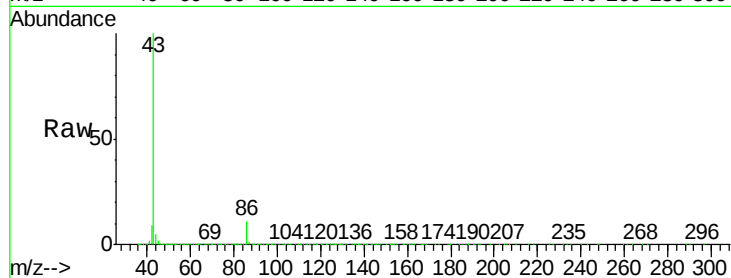
86 10.8 9.2 13.8

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 48.762 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

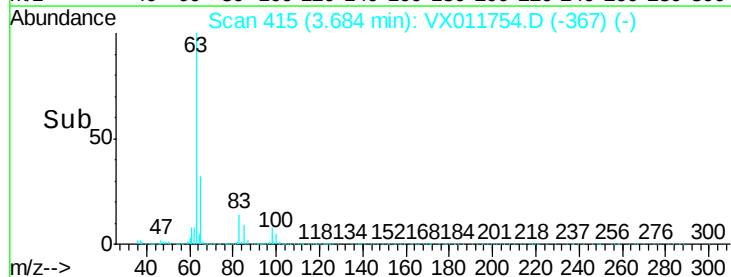
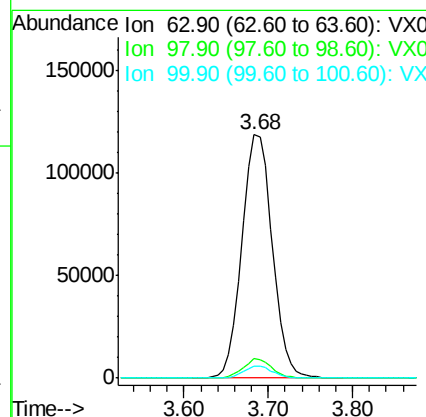
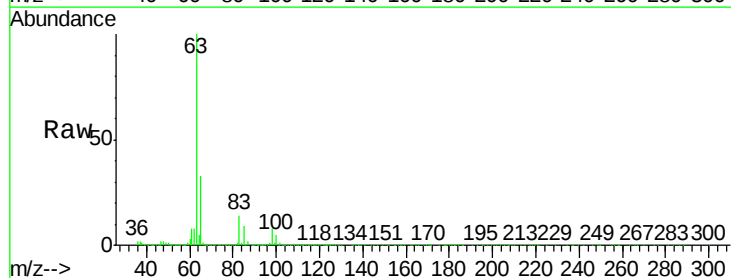
Tgt Ion: 63 Resp: 289566

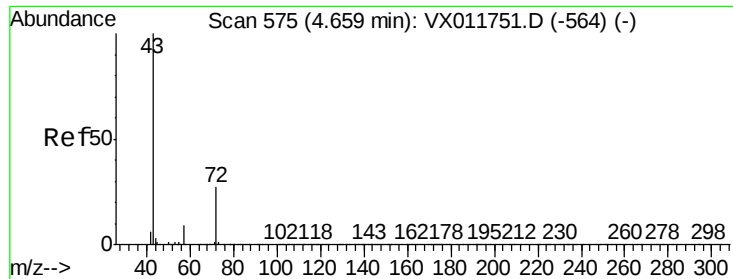
Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 260.978 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tot Ion: 43 Resp: 691133

Ion Ratio Lower Upper

43 100

72 27.6 21.8 32.6

Instrument :

MSVOA_X

ClientSampleId :

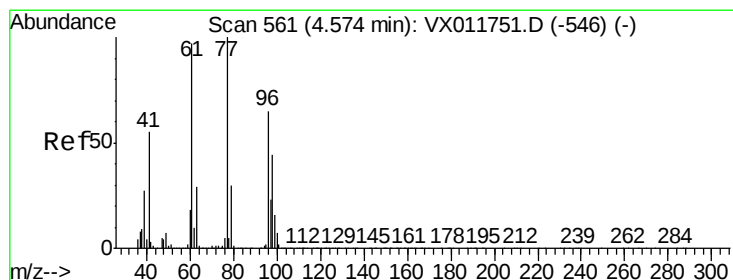
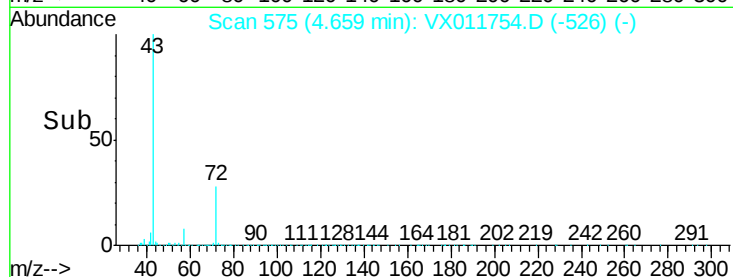
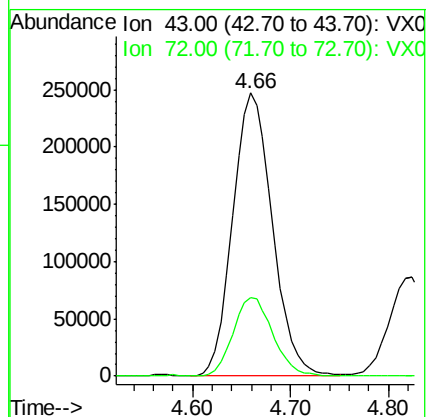
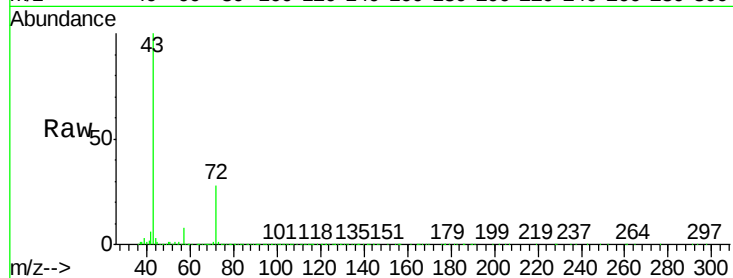
ICVVX082219

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#26

2,2-Dichloropropane

Concen: 51.361 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011754.D

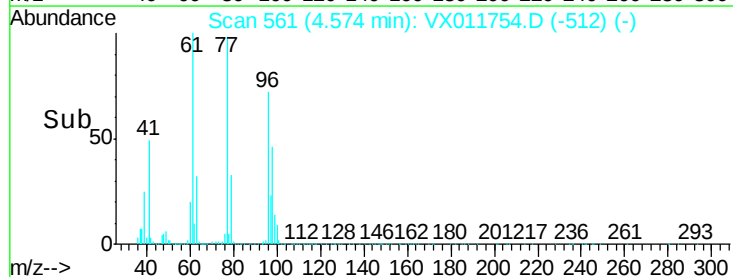
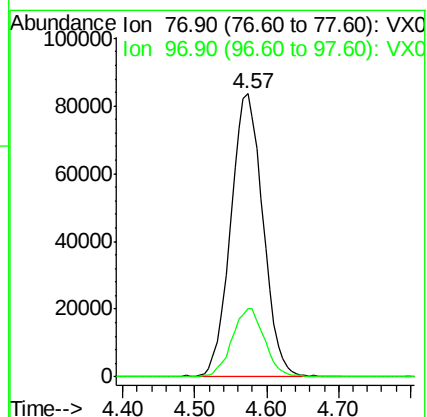
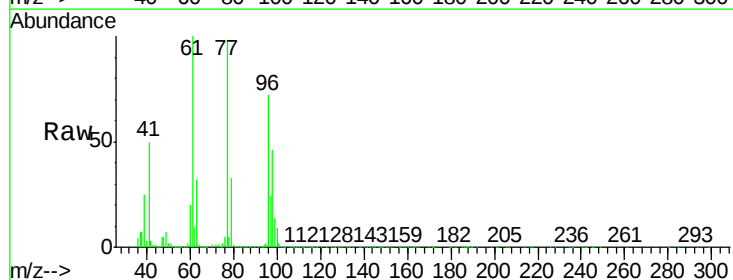
Acq: 22 Aug 2019 11:27

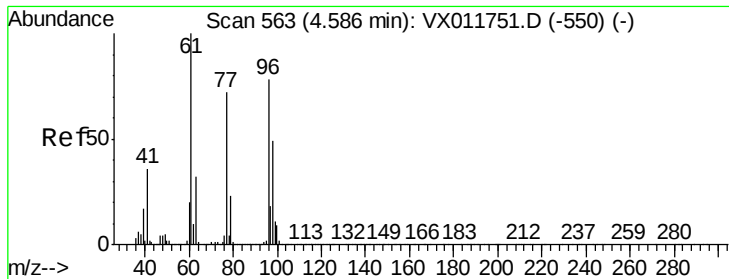
Tgt Ion: 77 Resp: 259012

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6





#27

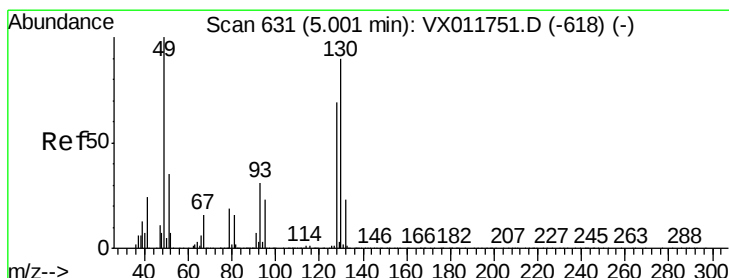
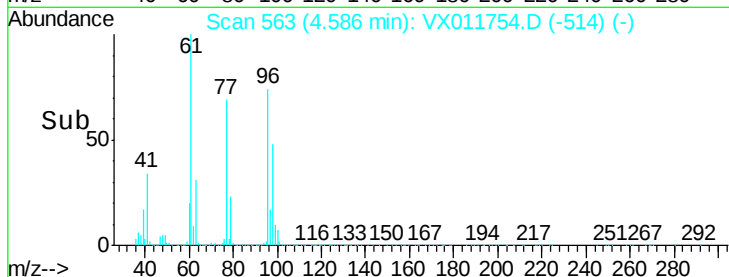
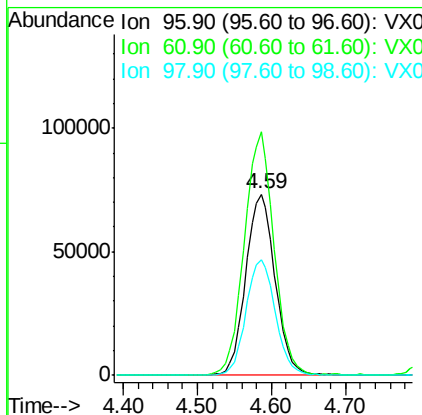
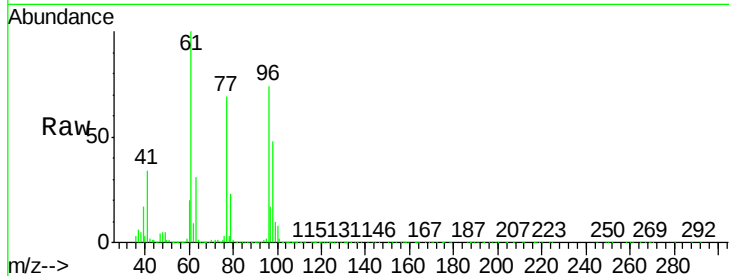
cis-1,2-Dichloroethene
Concen: 49.520 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Resp	Lower	Upper
96	100	203269		
61	135.0	0.0	275.8	
98	64.2	0.0	128.2	

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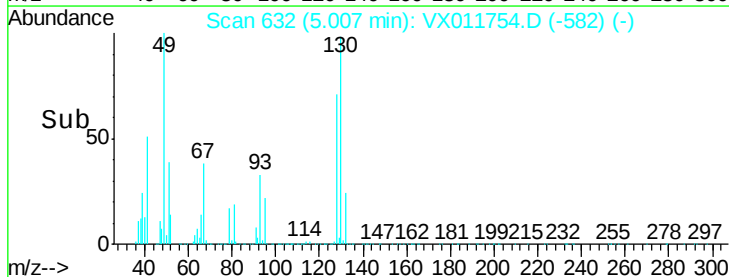
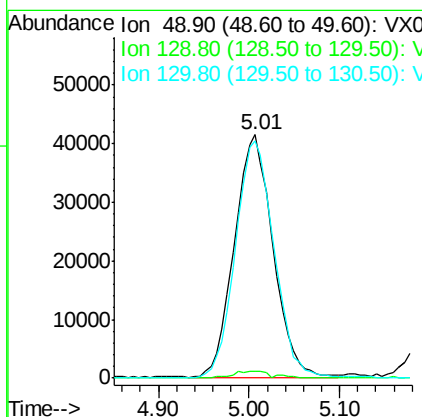
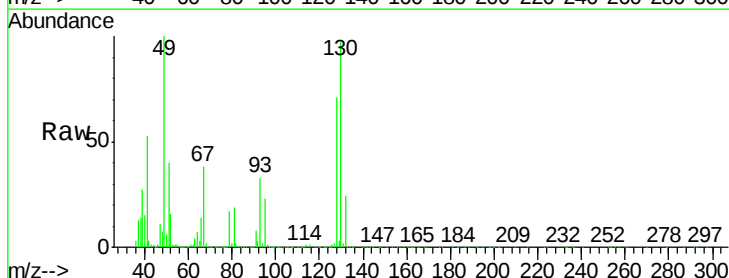
MMDadoda
8/23/2019 1:56:01 PM

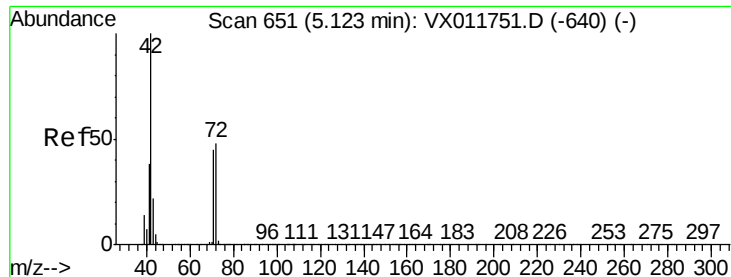


#28

Bromochloromethane
Concen: 45.343 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	122229		
129	2.4	0.0	5.8	
130	98.4	76.8	115.2	





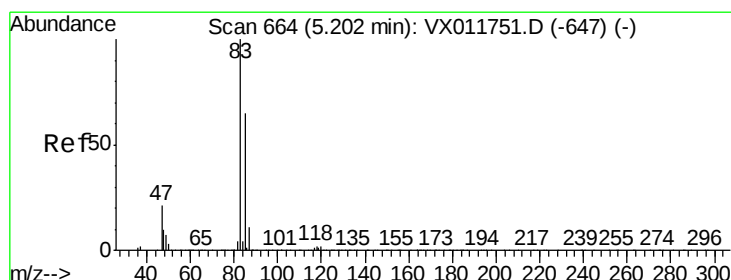
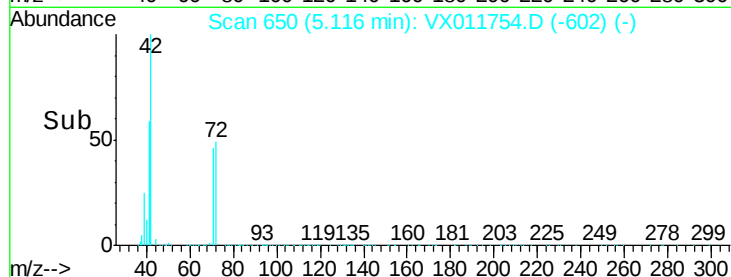
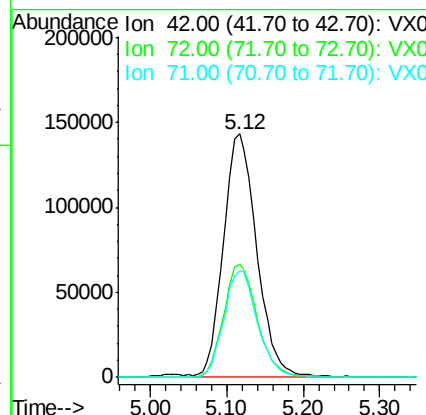
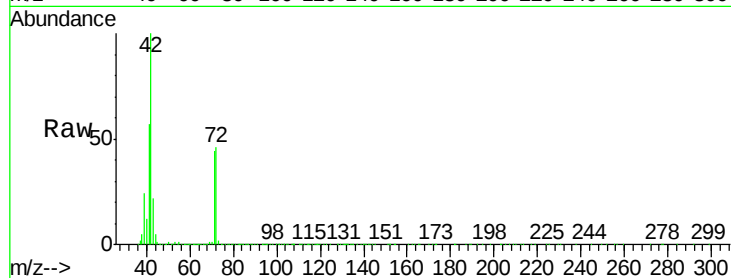
#29
Tetrahydrofuran
Concen: 252.044 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.6	56.4
71	44.3	34.6	51.8

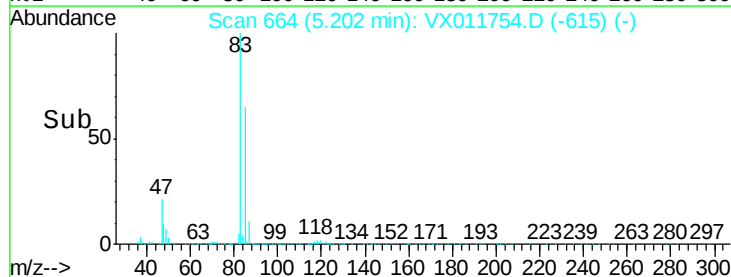
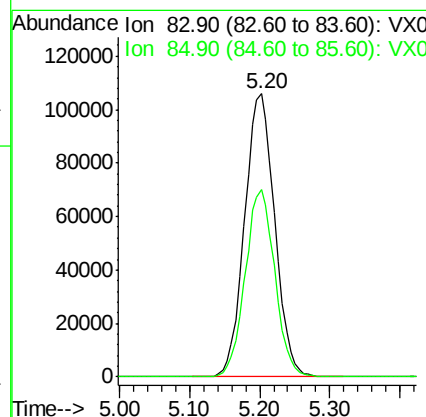
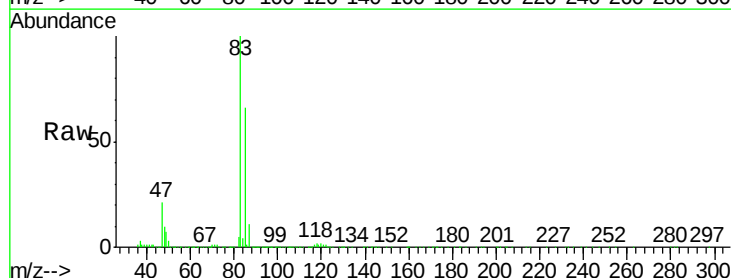
Manual Integrations
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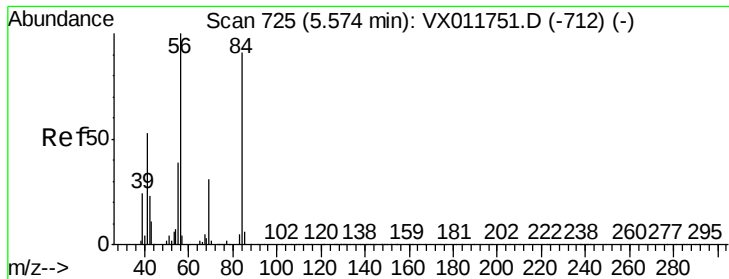
MMDadoda
8/23/2019 1:56:01 PM



#30
Chloroform
Concen: 48.999 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.8	77.8





#31

Cyclohexane

Concen: 52.892 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

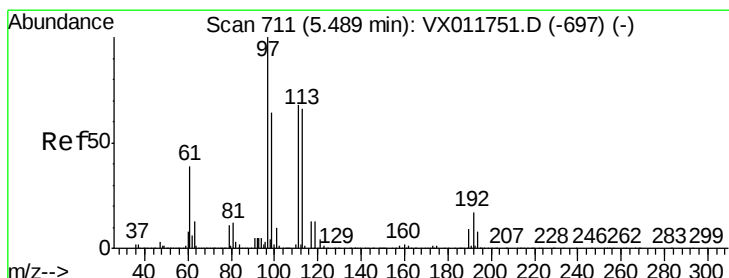
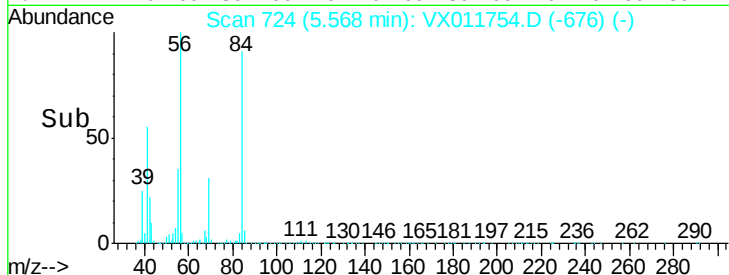
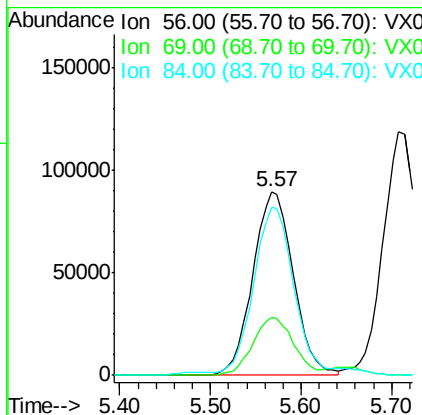
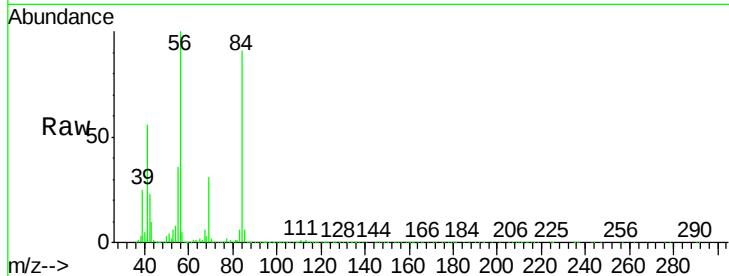
ClientSampleId :

ICVVX082219

Tot Ion:	56	Resp:	275847
Ion Ratio		Lower	Upper
56	100		
69	31.1	24.5	36.7
84	89.6	72.7	109.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.828 ug/l

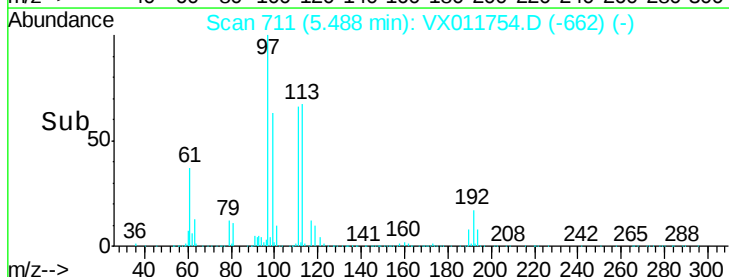
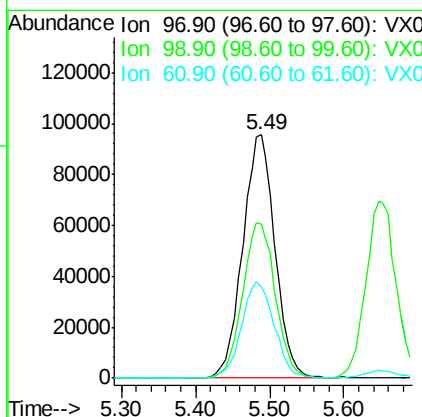
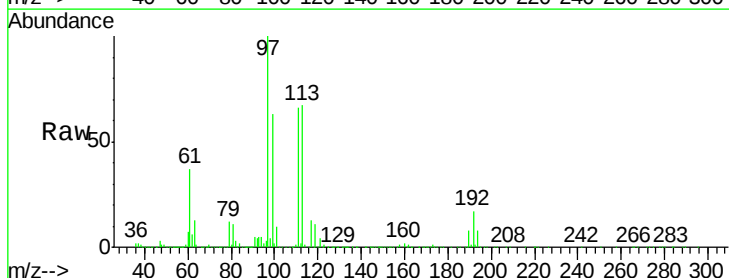
RT: 5.49 min Scan# 711

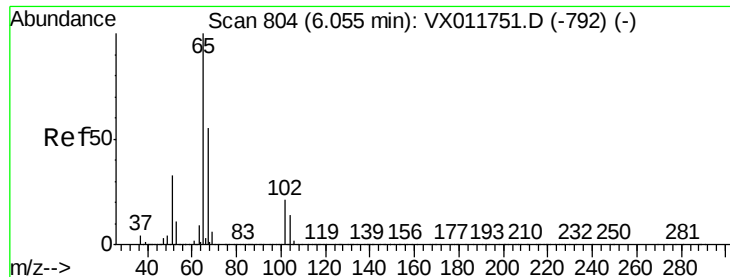
Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	97	Resp:	290262
Ion Ratio		Lower	Upper
97	100		
99	64.7	51.4	77.0
61	39.4	31.6	47.4





#33

1,2-Dichloroethane-d4

Concen: 46.697 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion: 65 Resp: 198059

Ion Ratio Lower Upper

65 100

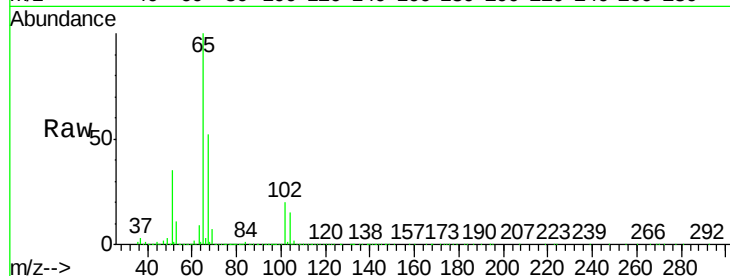
67 53.4 0.0 107.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

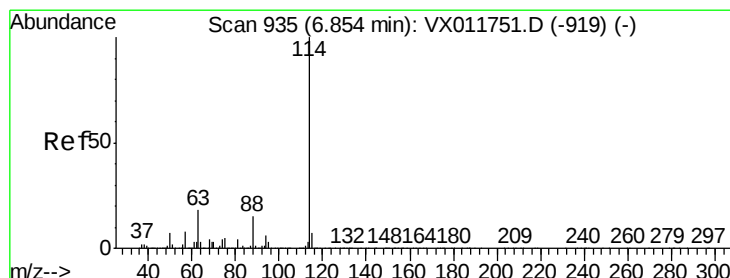
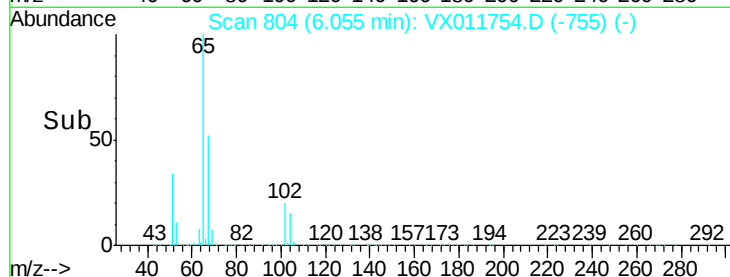
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

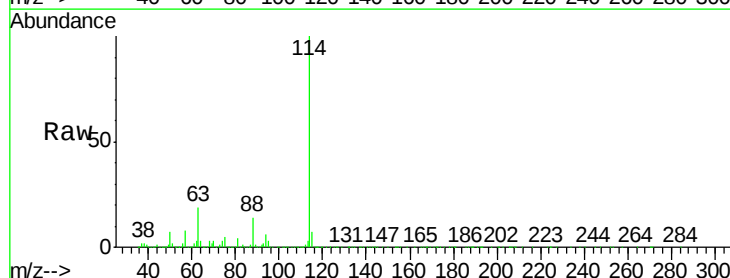
Tgt Ion: 114 Resp: 555304

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 14.4 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

300000

250000

200000

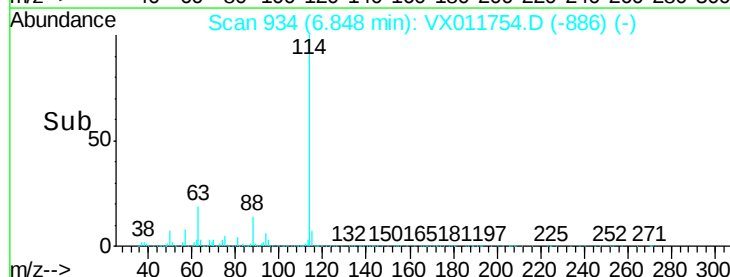
150000

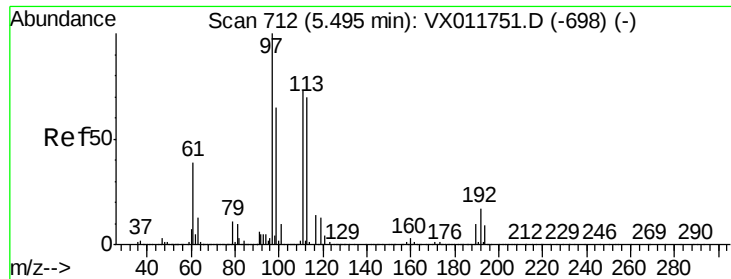
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.501 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

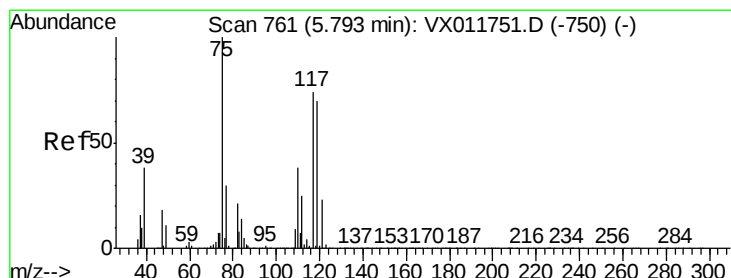
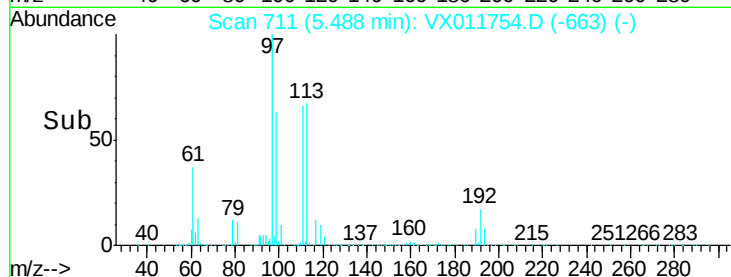
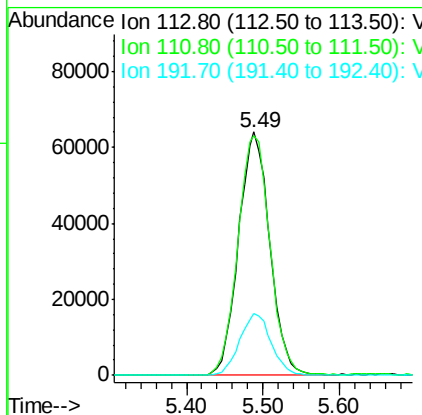
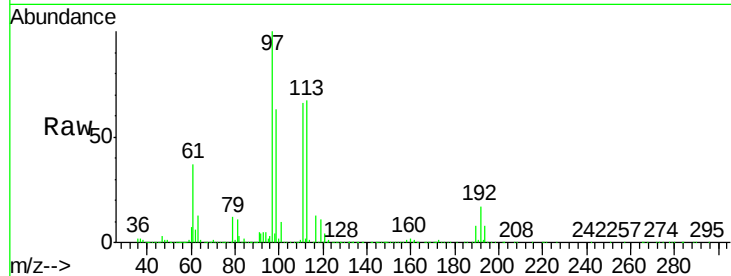
ClientSampleId :

ICVVX082219

Tot Ion:	113	Resp:	181340
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.0	121.4
192	25.7	19.9	29.9

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#36

1,1-Dichloropropene

Concen: 54.307 ug/l

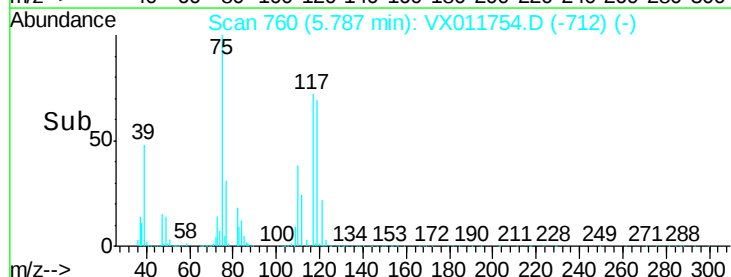
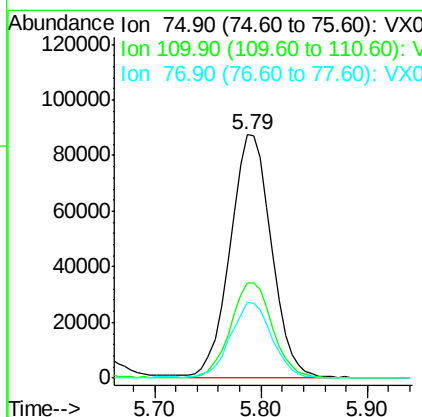
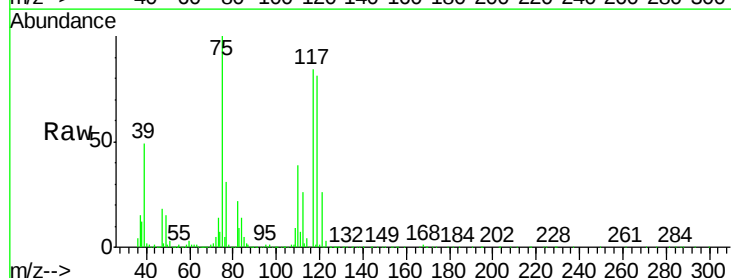
RT: 5.79 min Scan# 760

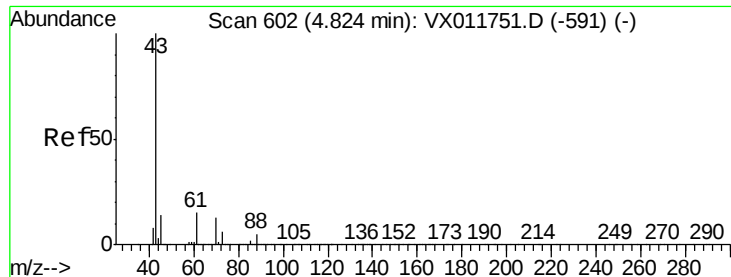
Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	75	Resp:	236486
Ion Ratio	Lower	Upper	
75	100		
110	39.9	19.0	57.0
77	31.1	24.6	36.8





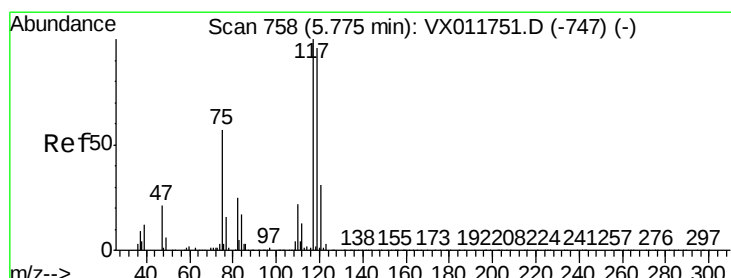
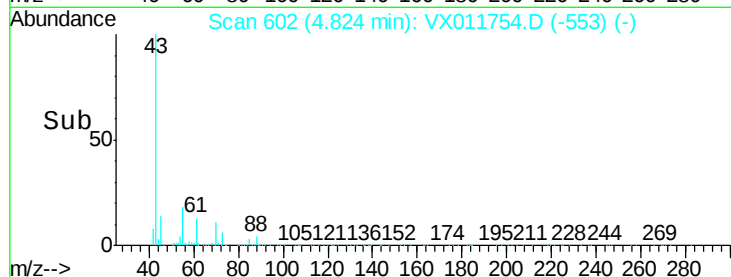
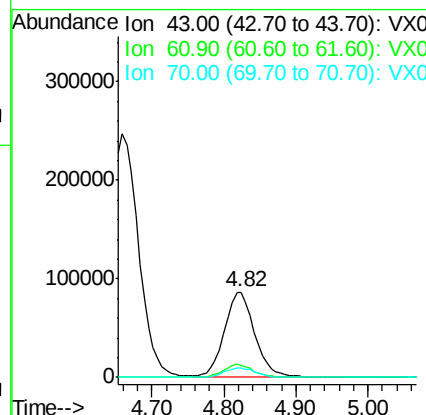
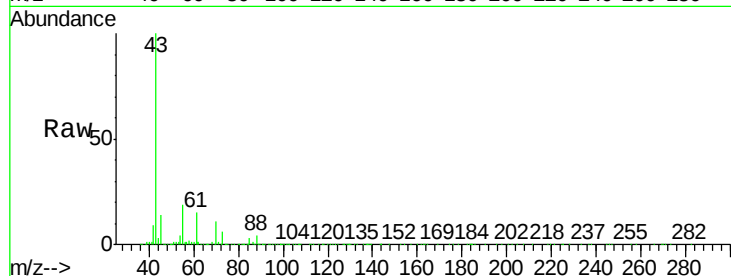
#37
Ethyl Acetate
Concen: 54.397 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	43	Resp	250672
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.5	17.3
70	11.5	9.5	14.3

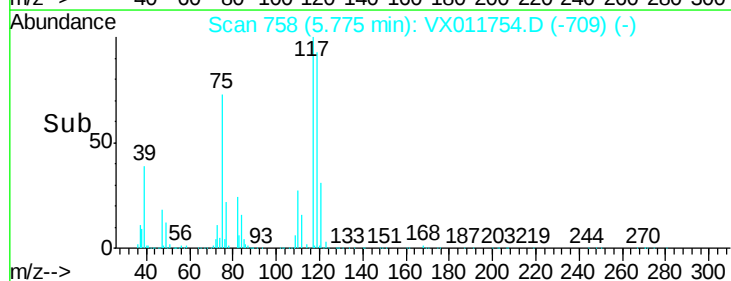
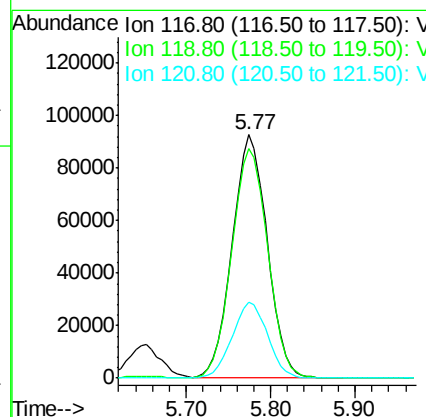
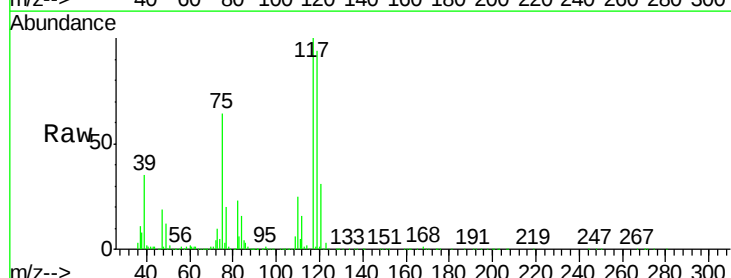
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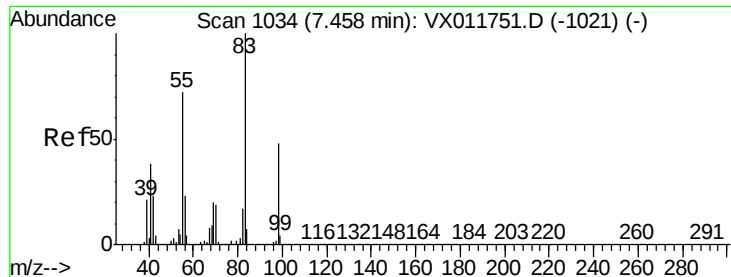
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8/23/2019 1:56:01 PM



#38
Carbon Tetrachloride
Concen: 52.963 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	117	Resp	261376
Ion Ratio	Lower	Upper	
117	100		
119	94.0	76.6	114.8
121	31.2	25.2	37.8





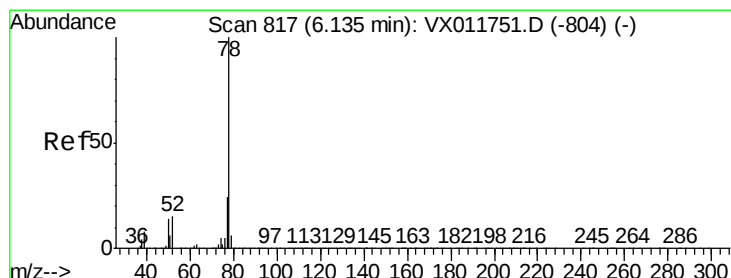
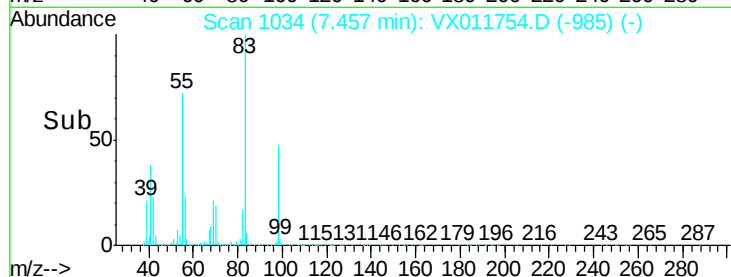
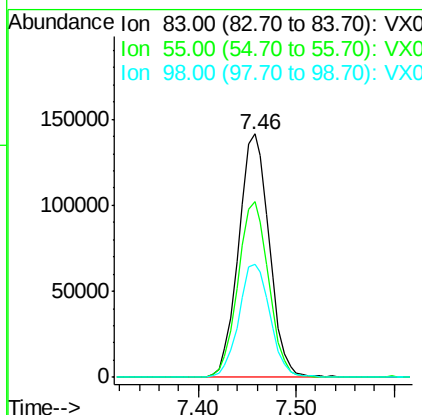
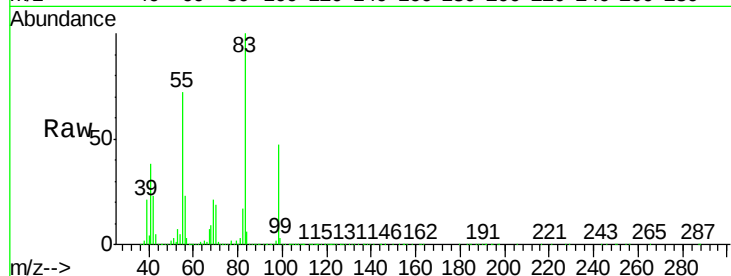
#39
Methylvlcyclohexane
Concen: 57.149 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Resp	Lower	Upper
83	100	308383		
55	72.1		57.8	86.6
98	46.5		38.6	58.0

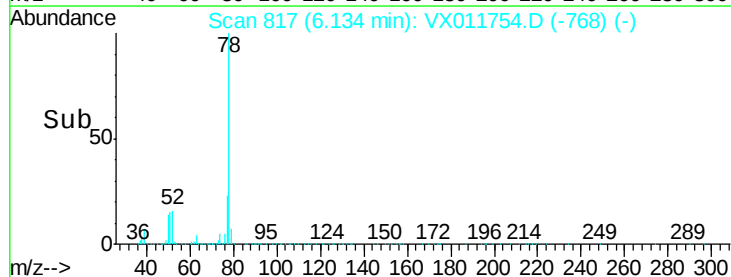
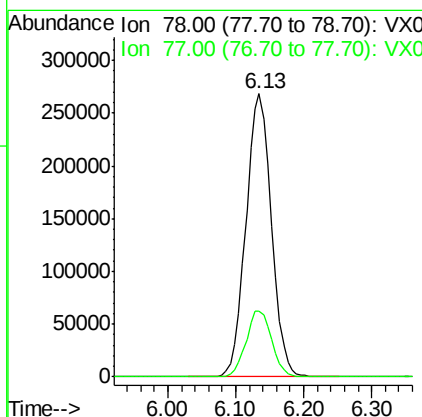
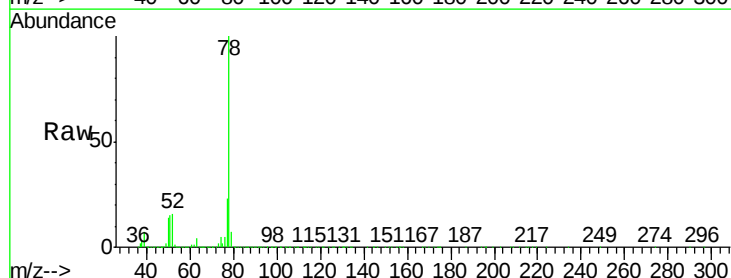
Manual Integrations
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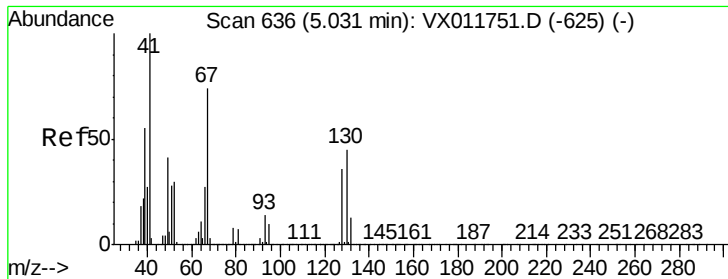
MMDadoda
8/23/2019 1:56:01 PM



#40
Benzene
Concen: 51.934 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	699587		
77	23.1		19.1	28.7





#41

Methacrylonitrile

Concen: 49.113 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

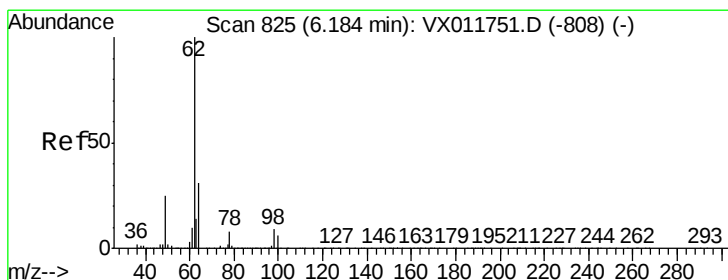
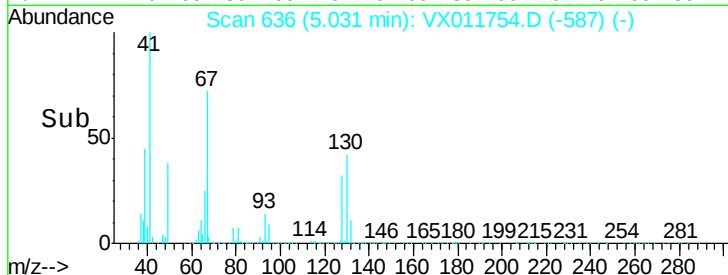
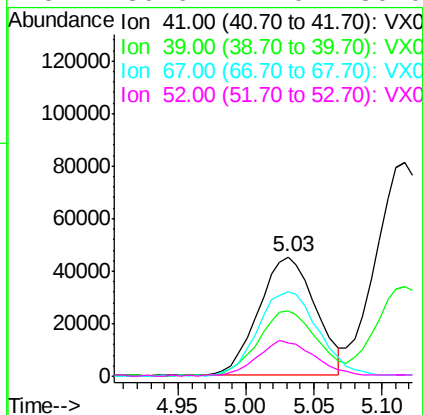
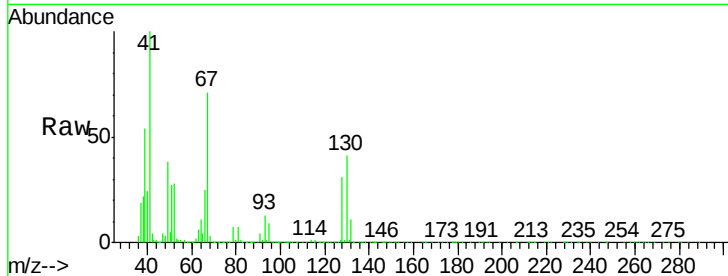
ClientSampled :

ICVVX082219

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.9	44.3	66.5		
67	75.0	60.3	90.5		
52	30.6	24.0	36.0		

Manual Integrations
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8/23/2019 1:56:01 PM



#42

1,2-Dichloroethane

Concen: 48.886 ug/l

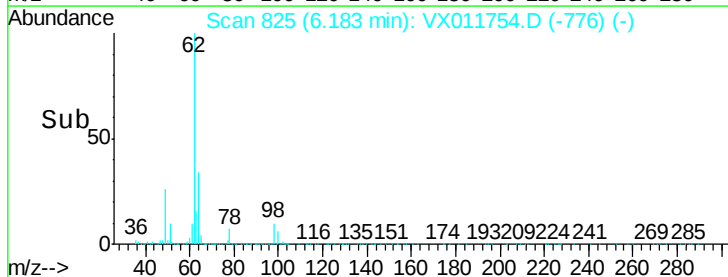
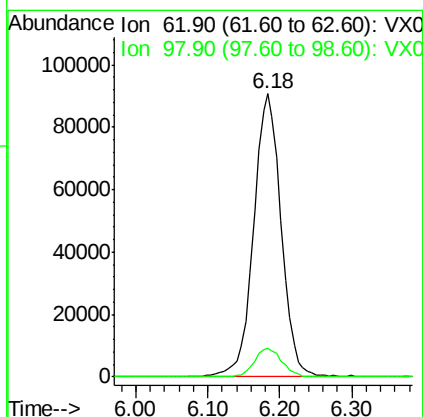
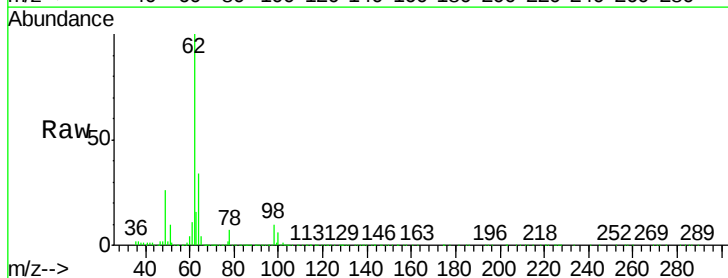
RT: 6.18 min Scan# 825

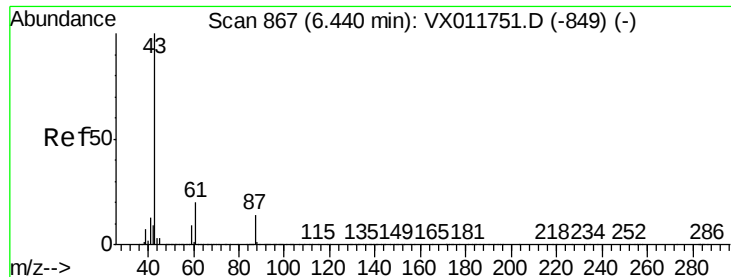
Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.0	0.0	18.8		





#43

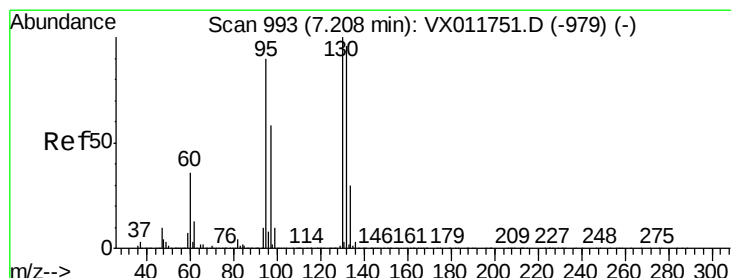
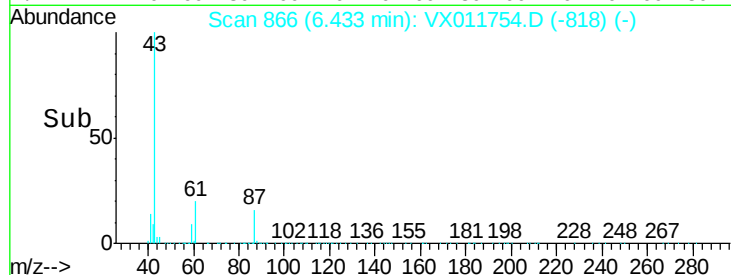
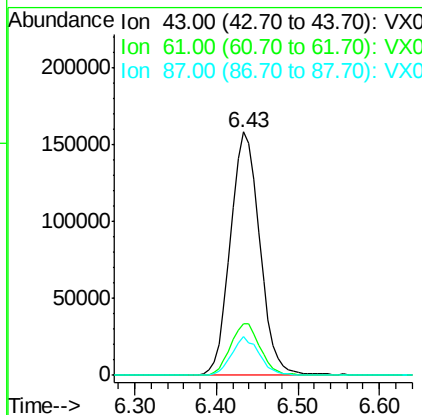
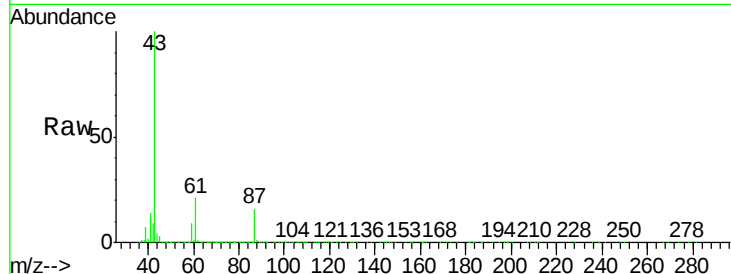
Isopropyl Acetate
 Concen: 53.018 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.2	24.2
87	14.8	11.6	17.4

Manual Integrations
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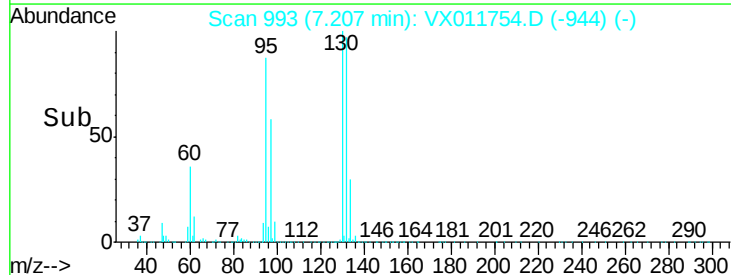
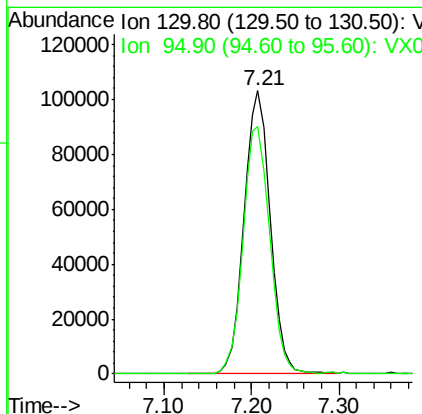
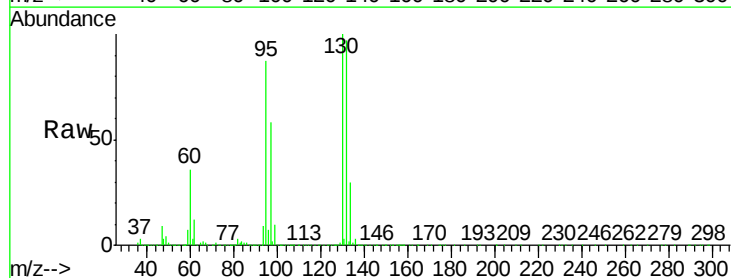
MMDadoda
 8/23/2019 1:56:01 PM

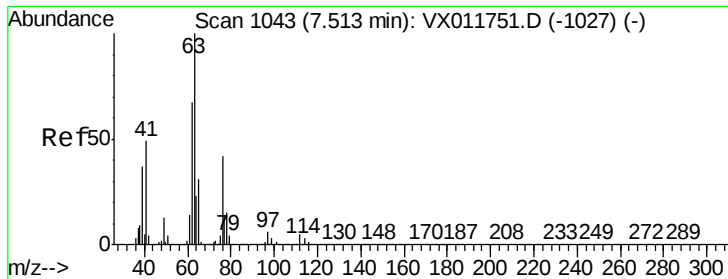


#44

Trichloroethene
 Concen: 51.726 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.2	0.0	179.0





#45

1,2-Dichloropropane

Concen: 52.222 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion: 63 Resp: 176817

Ion Ratio Lower Upper

63 100

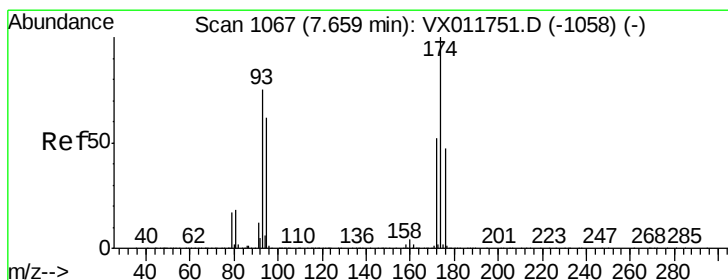
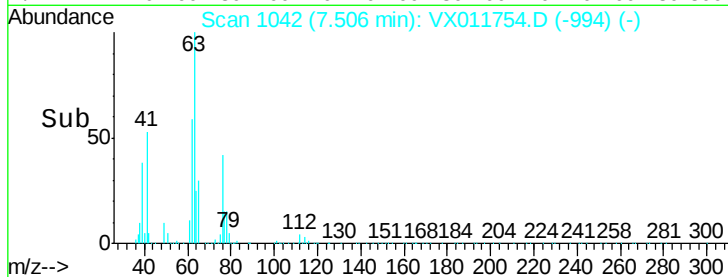
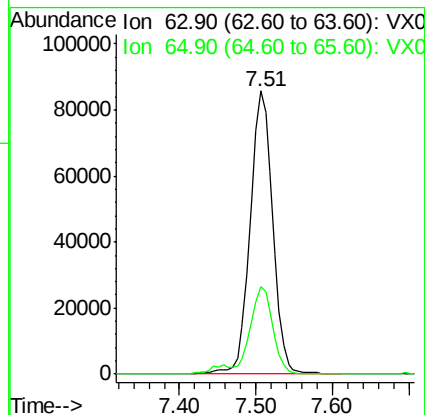
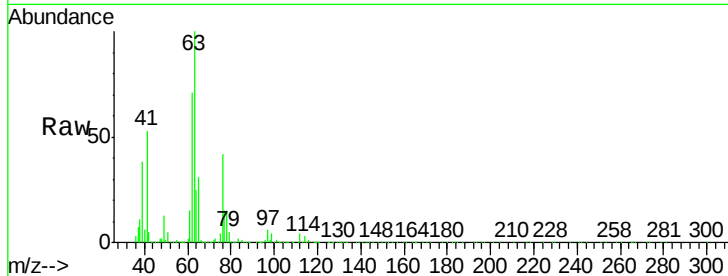
65 31.0 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 50.040 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

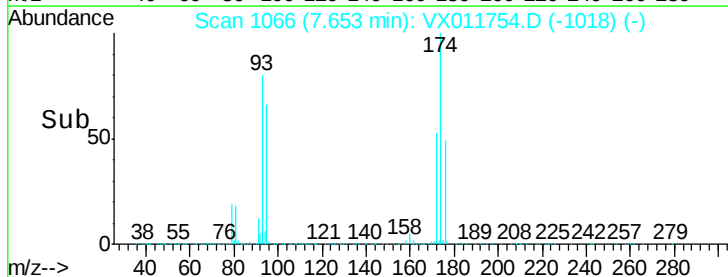
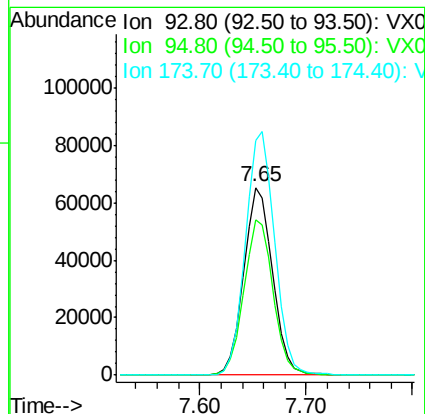
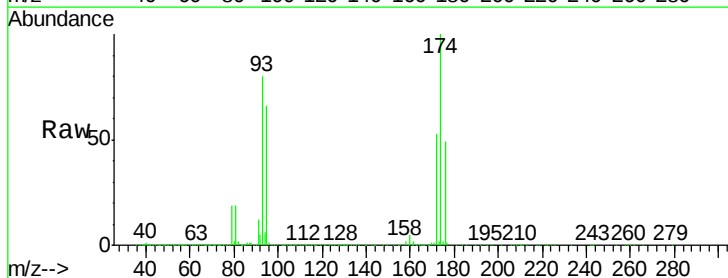
Tgt Ion: 93 Resp: 124914

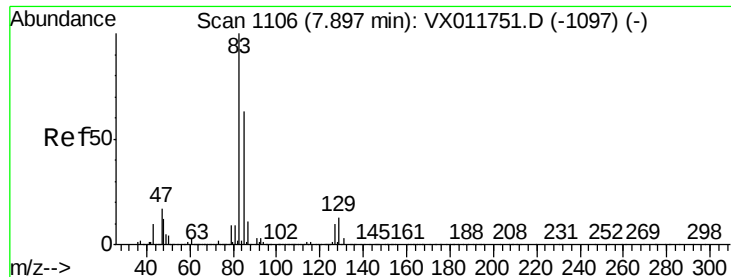
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

174 131.7 104.2 156.4





#47

Bromodichloromethane

Concen: 52.992 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

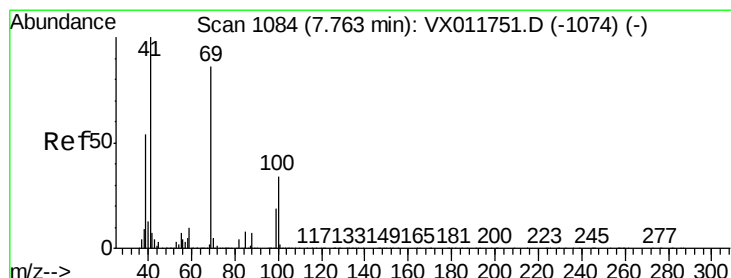
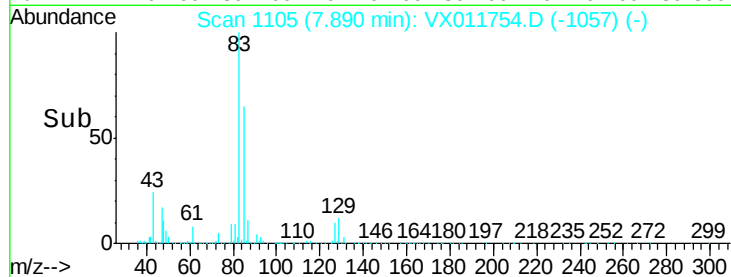
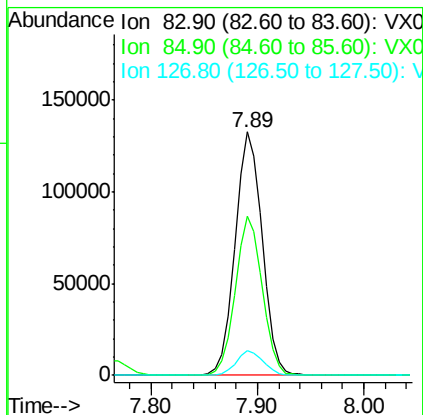
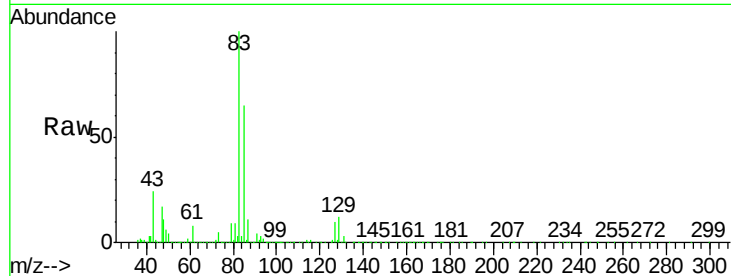
ClientSampleId :

ICVVX082219

Tot Ion:	83	Resp:	238130
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.6	76.0
127	9.9	8.4	12.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.787 ug/l

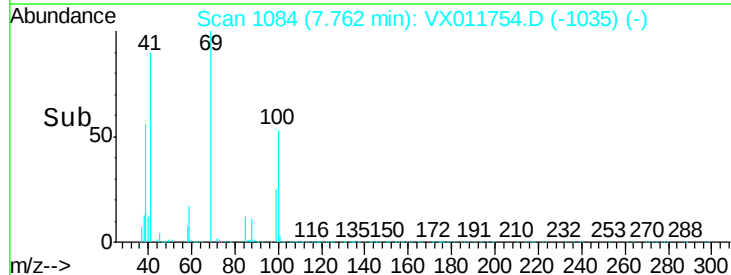
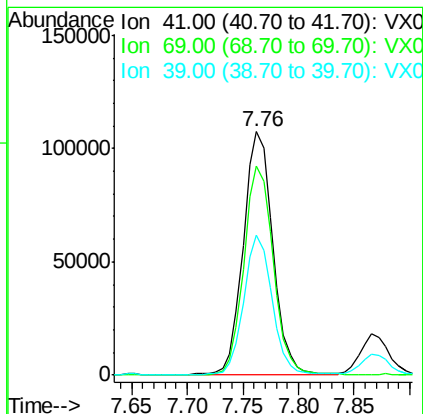
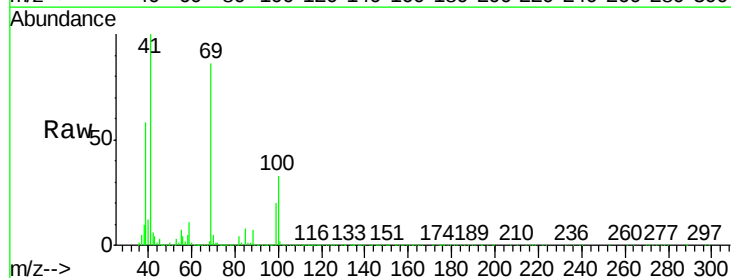
RT: 7.76 min Scan# 1084

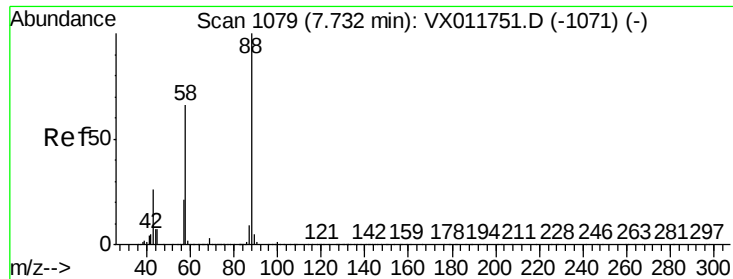
Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	41	Resp:	199650
Ion Ratio	Lower	Upper	
41	100		
69	85.2	69.4	104.2
39	54.0	43.6	65.4





#49

1,4-Dioxane

Concen: 943.155 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

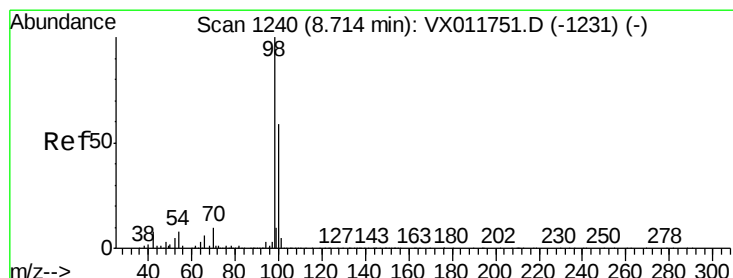
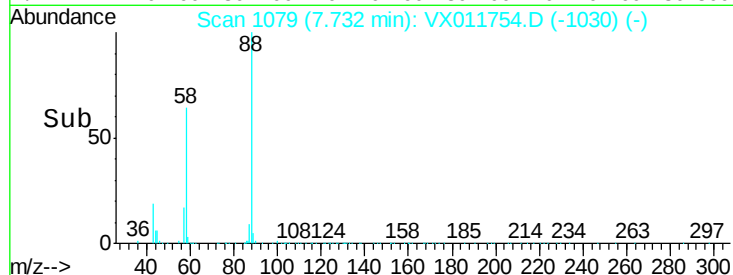
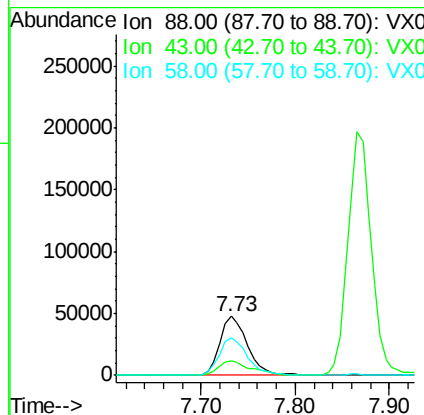
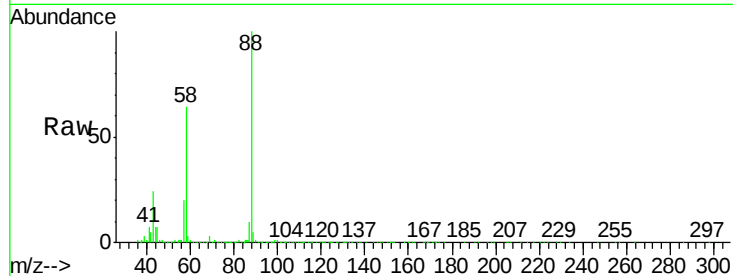
ClientSampleId :

ICVVX082219

Tot Ion:	88	Resp:	96998
Ion	Ratio	Lower	Upper
88	100		
43	28.0	24.6	37.0
58	65.1	51.4	77.2

Manual Integrations
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#50

Toluene-d8

Concen: 53.041 ug/l

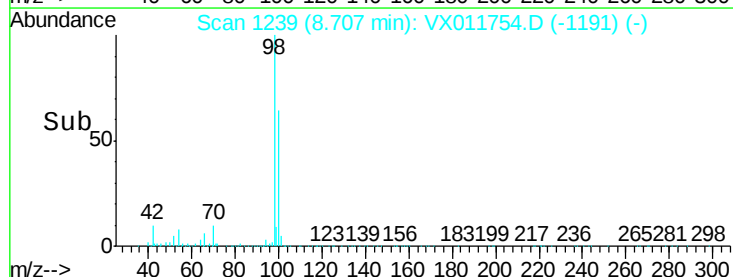
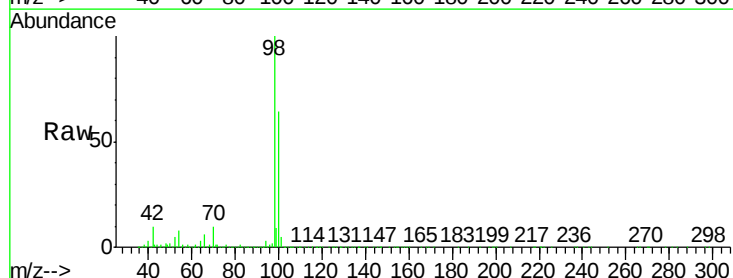
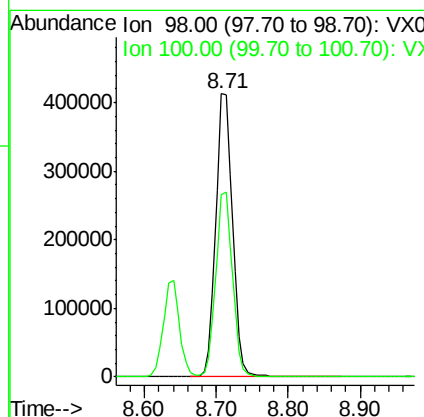
RT: 8.71 min Scan# 1239

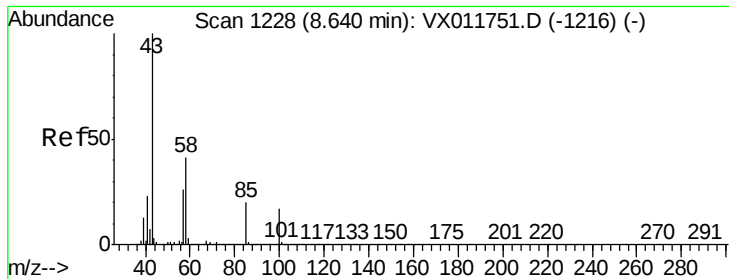
Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	98	Resp:	664331
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 264.300 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion: 43 Resp: 1298930

Ion Ratio Lower Upper

43 100

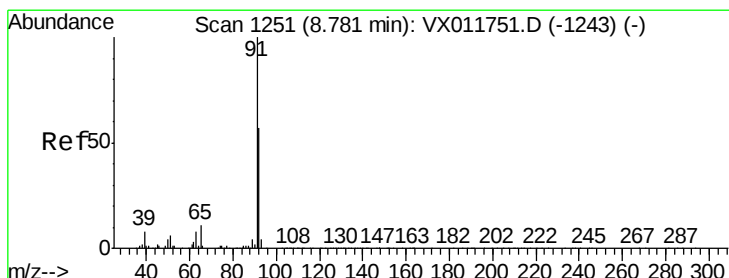
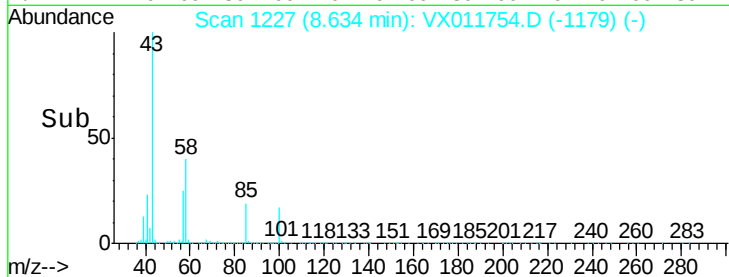
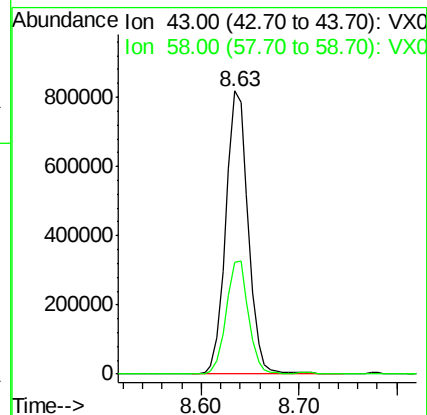
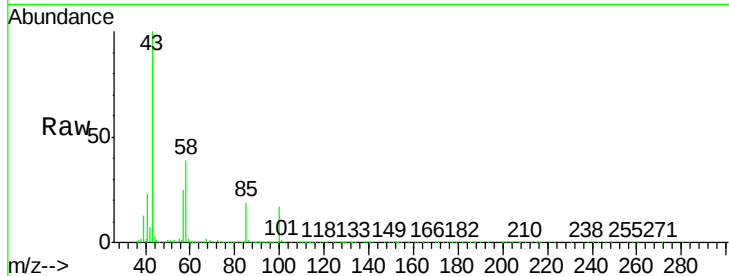
58 39.8 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 52.196 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011754.D

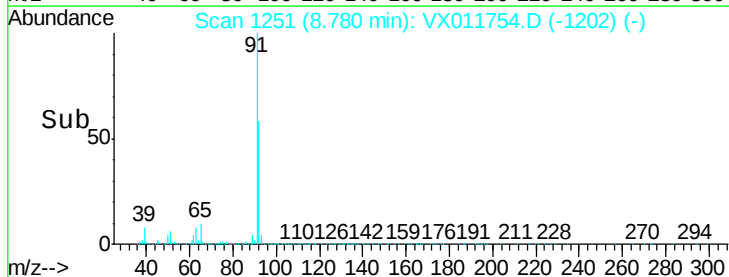
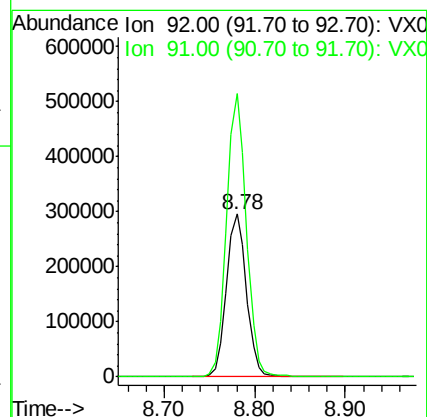
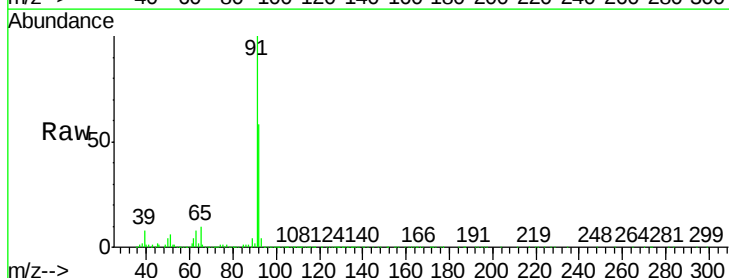
Acq: 22 Aug 2019 11:27

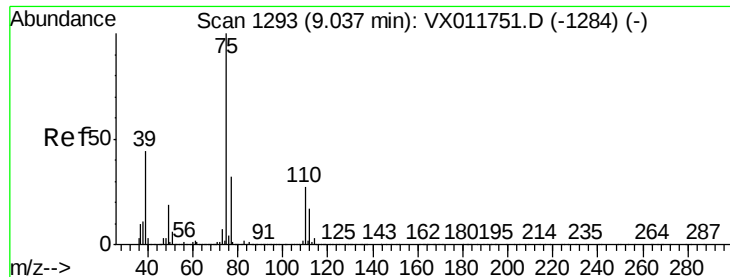
Tgt Ion: 92 Resp: 455002

Ion Ratio Lower Upper

92 100

91 172.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 55.913 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion: 75 Resp: 263762

Ion Ratio Lower Upper

75 100

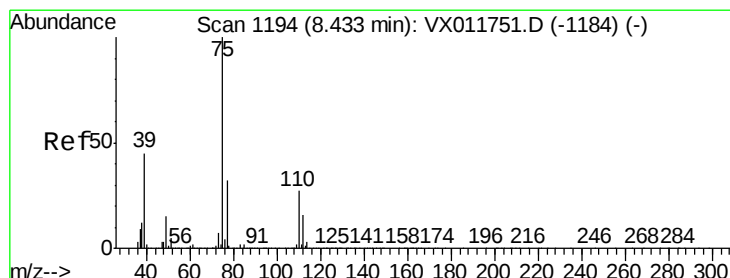
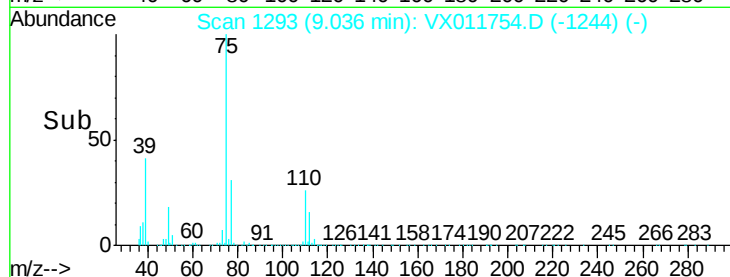
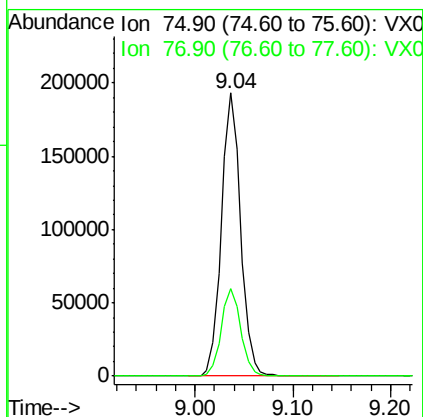
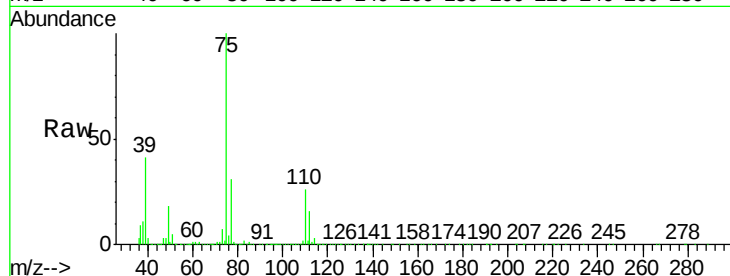
77 30.7 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 55.218 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

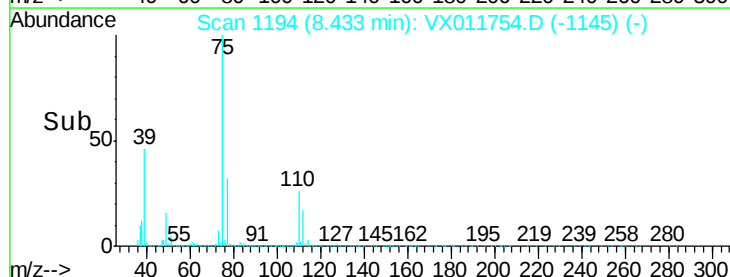
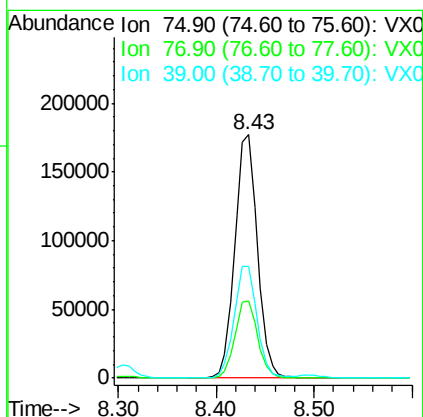
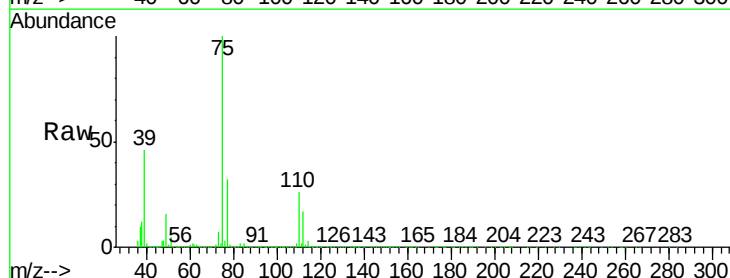
Tgt Ion: 75 Resp: 284167

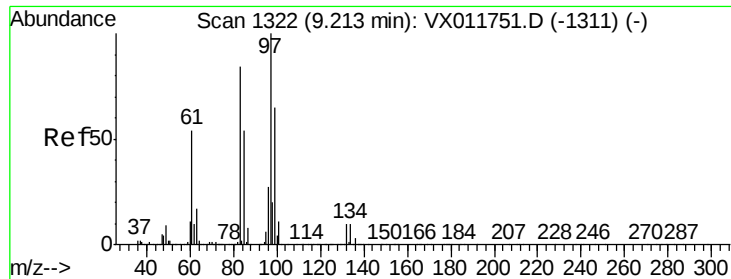
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 45.5 36.2 54.4





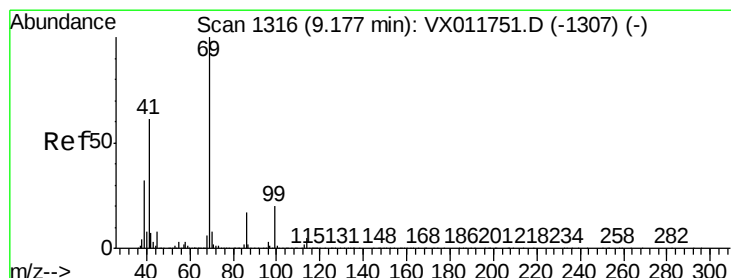
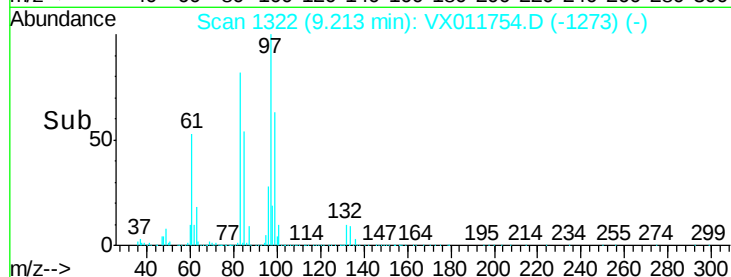
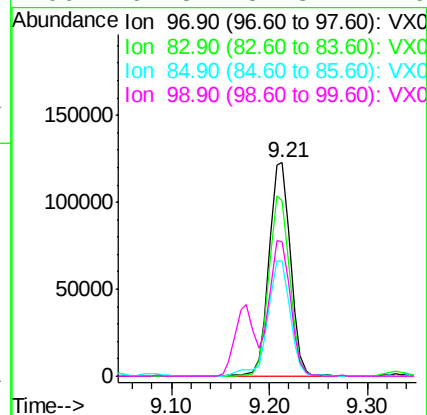
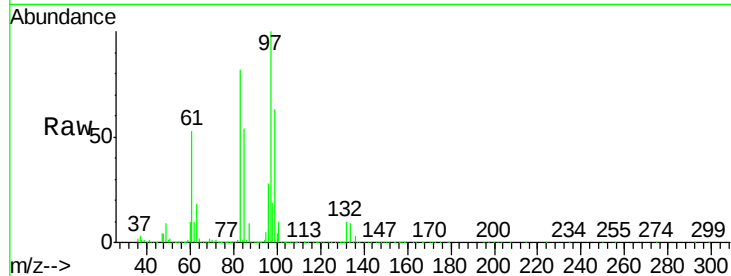
#55
1,1,2-Trichloroethane
Concen: 51.371 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		186569		
83	82.1	67.3	100.9		
85	54.0	43.4	65.2		
99	62.8	51.8	77.6		

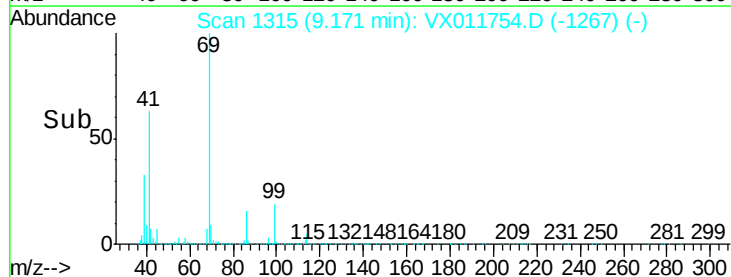
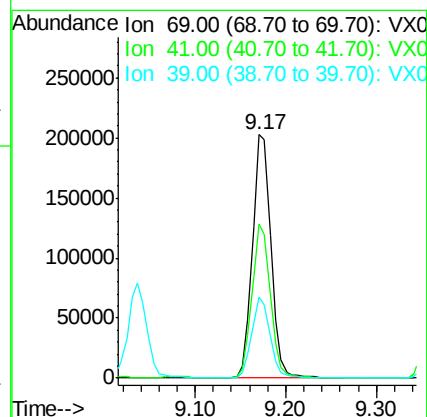
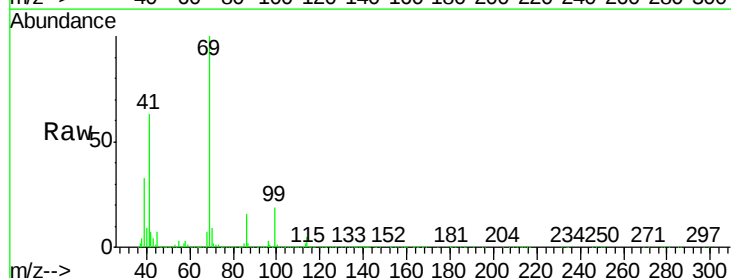
Manual Integrations
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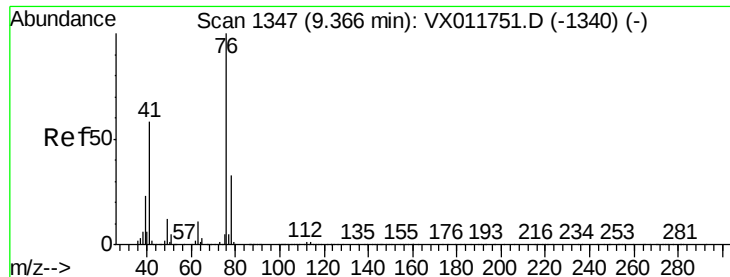
MMDadoda
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#56
Ethyl methacrylate
Concen: 55.577 ug/l
RT: 9.17 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		287057		
41	63.0	50.7	76.1		
39	32.7	26.4	39.6		





#57

1,3-Dichloropropane

Concen: 50.031 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

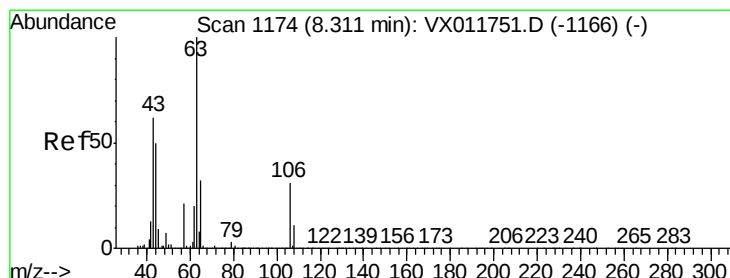
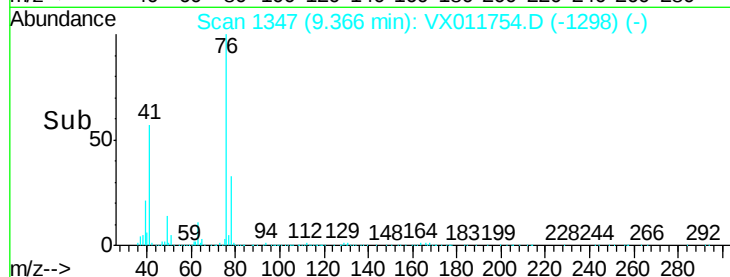
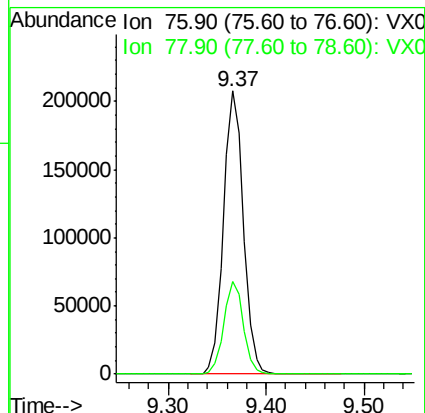
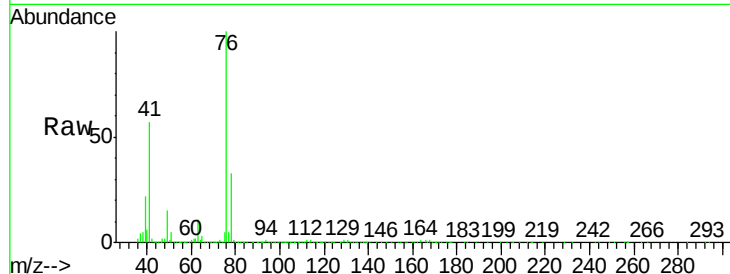
ClientSampleId :

ICVVX082219

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.6	39.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 286.771 ug/l

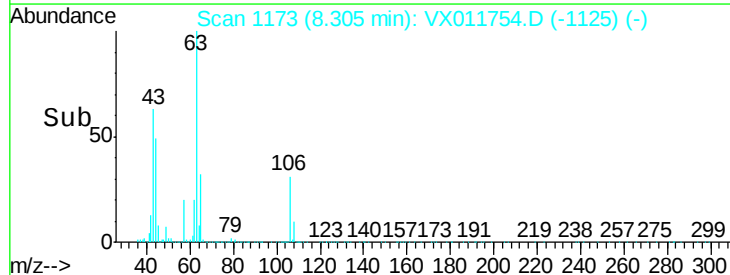
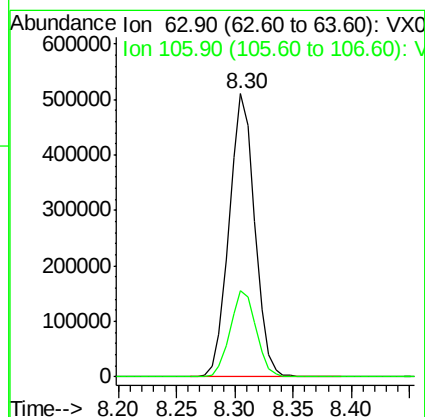
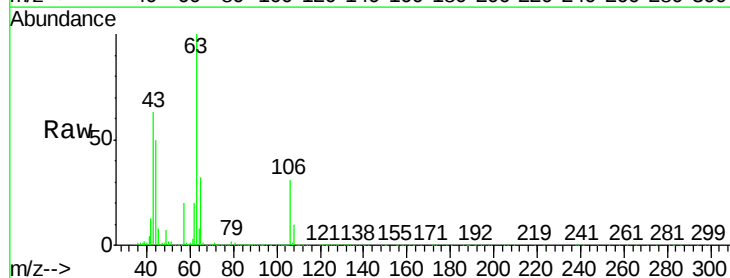
RT: 8.30 min Scan# 1173

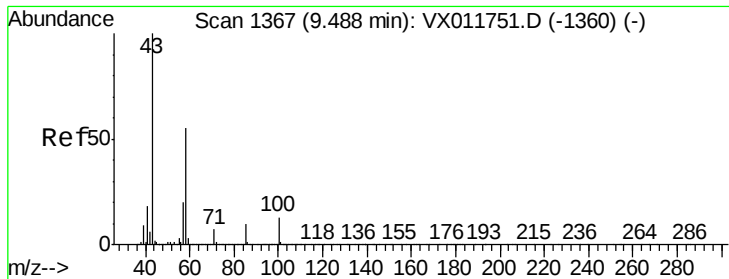
Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.9	24.9	37.3





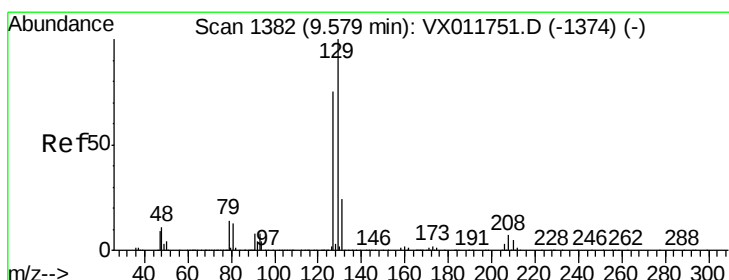
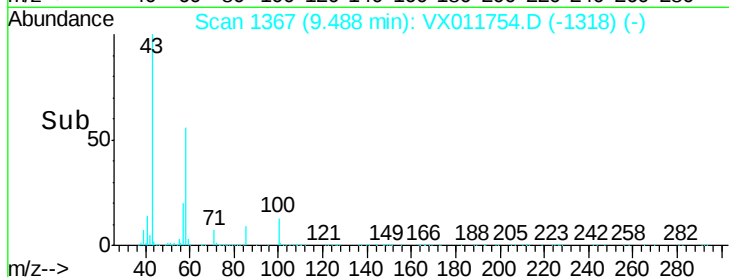
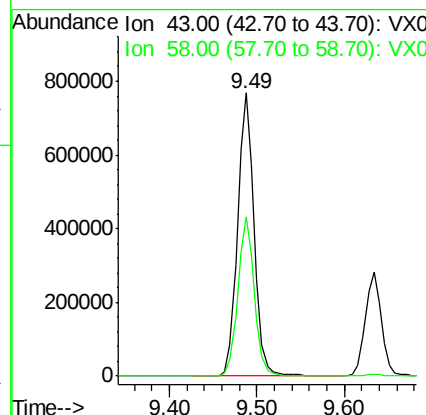
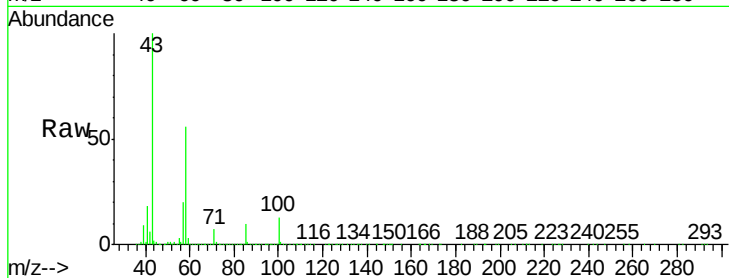
#59
2-Hexanone
Concen: 269.786 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion: 43 Resp: 1017660
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1

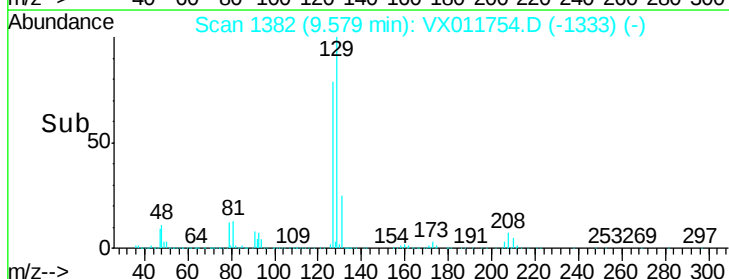
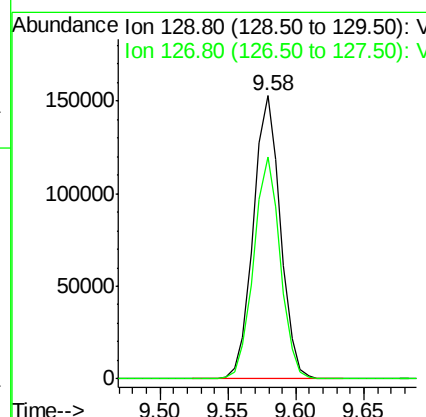
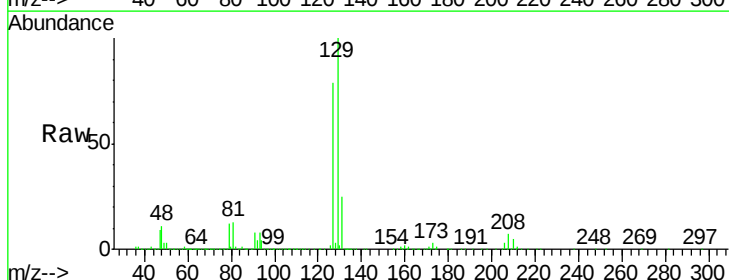
Manual Integrations
APPROVED

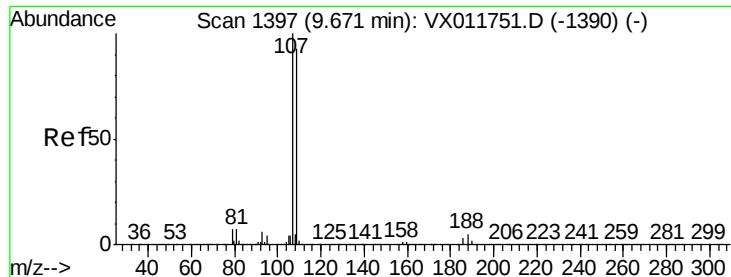
MMDadoda
8/23/2019 1:56:01 PM



#60
Dibromochloromethane
Concen: 54.614 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion: 129 Resp: 214454
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8





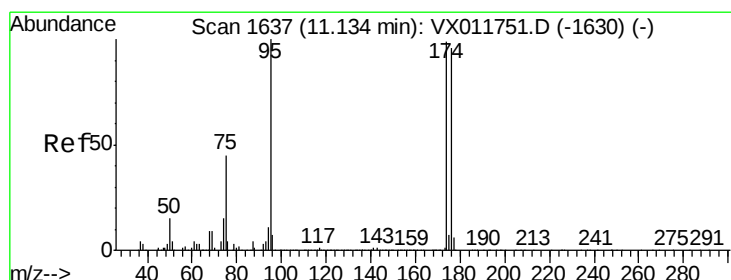
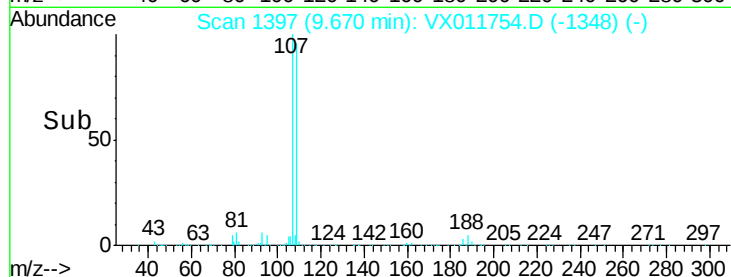
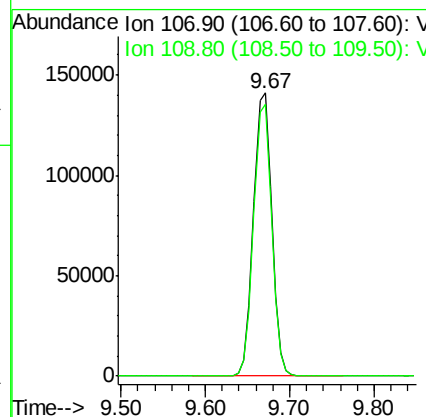
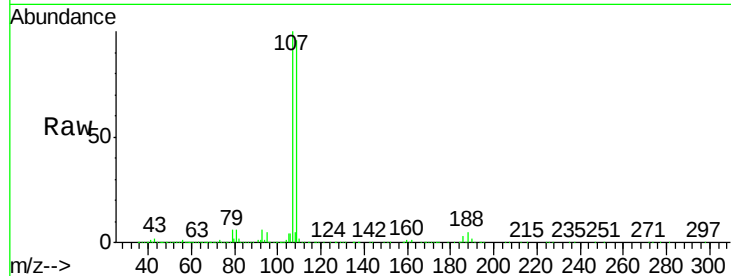
#61
 1,2-Dibromoethane
 Concen: 52.922 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

Tot Ion	Ratio	Resp	Lower	Upper
107	100	206231		
109	95.1	75.8	113.8	

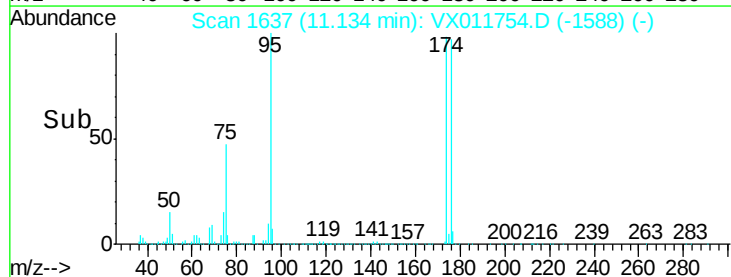
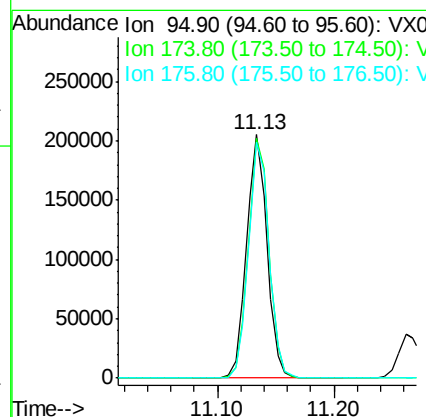
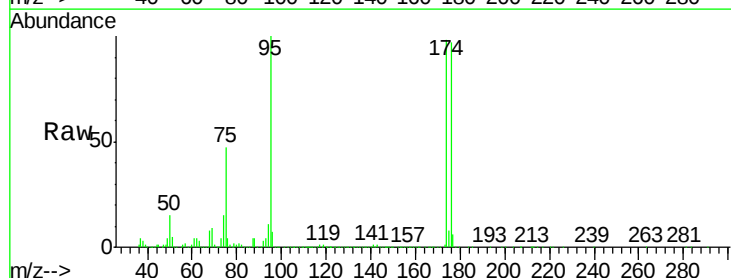
Manual Integrations
 APPROVED

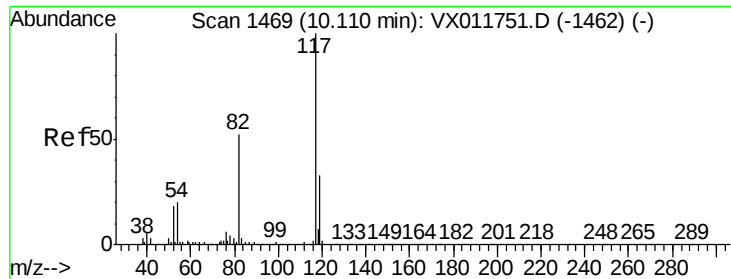
MMDadoda
 8/23/2019 1:56:01 PM



#62
 4-Bromofluorobenzene
 Concen: 50.793 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	251456		
174	100.0	0.0	197.4	
176	98.3	0.0	194.4	





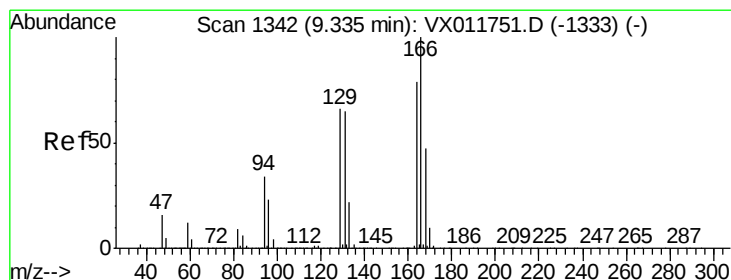
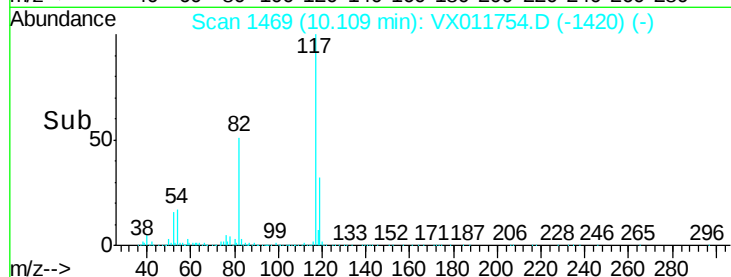
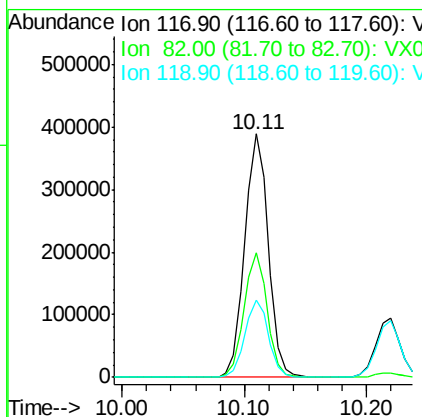
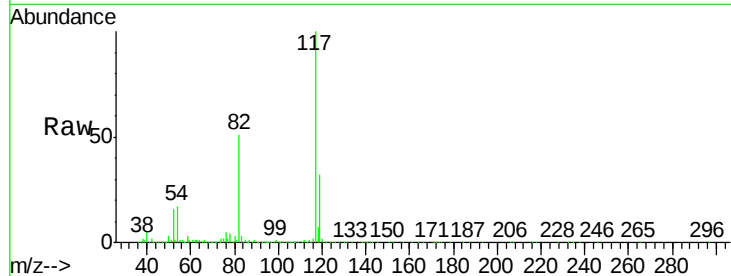
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Resp	Lower	Upper
117	100	520091		
82	51.3		41.7	62.5
119	31.8		26.2	39.2

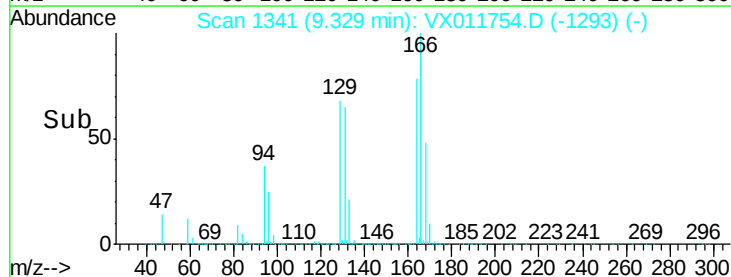
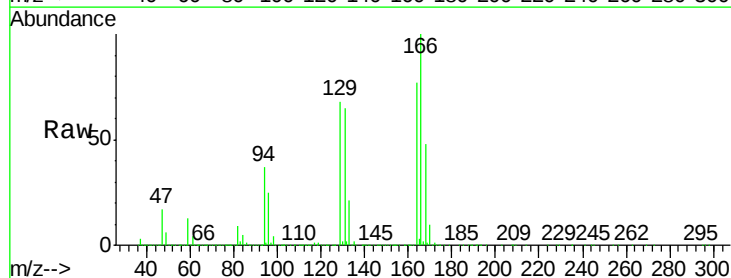
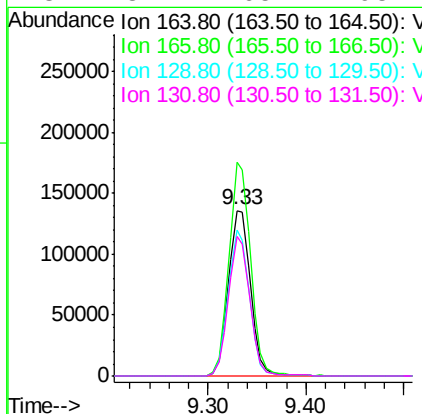
Manual Integrations
APPROVED

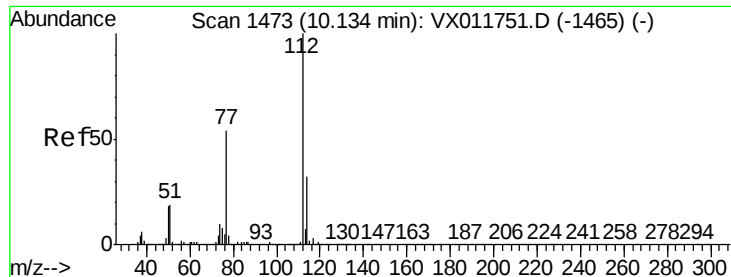
MMDadoda
8/23/2019 1:56:01 PM



#64
Tetrachloroethene
Concen: 51.259 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	212682		
166	129.0		100.7	151.1
129	88.0		66.8	100.2
131	84.1		65.4	98.2





#65

Chlorobenzene

Concen: 51.266 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion:112 Resp: 520551

Ion Ratio Lower Upper

112 100

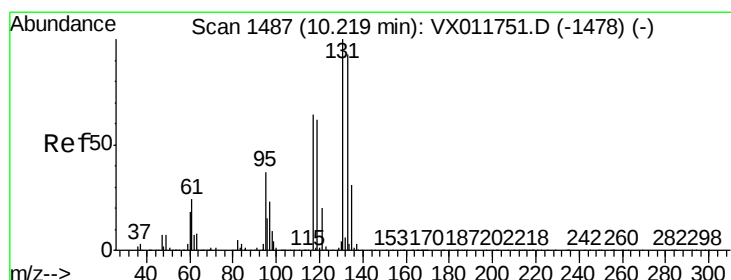
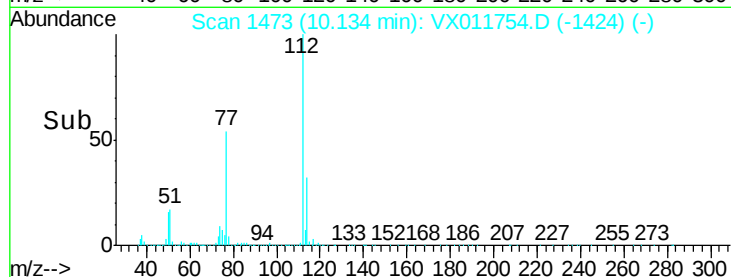
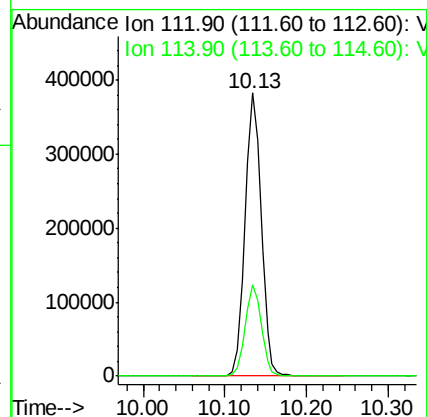
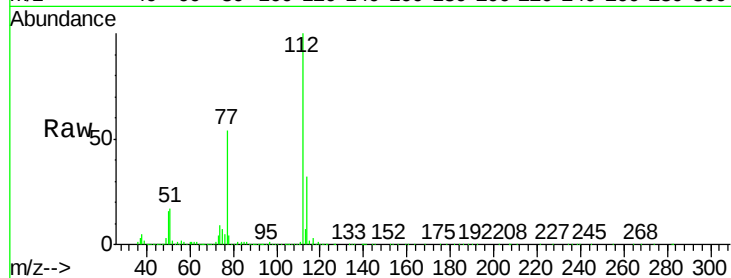
114 32.5 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

8/23/2019 1:56:01 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 52.525 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

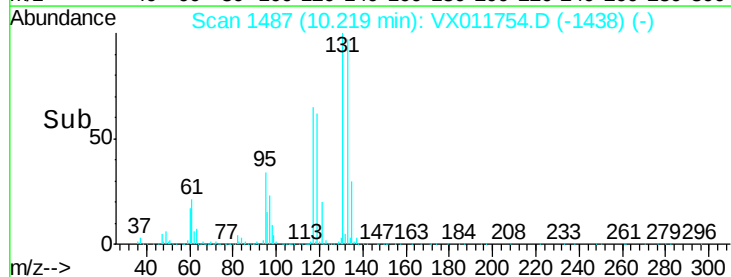
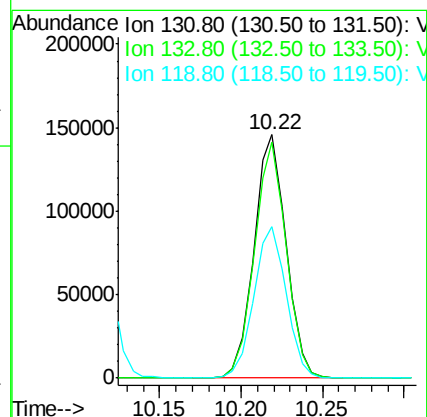
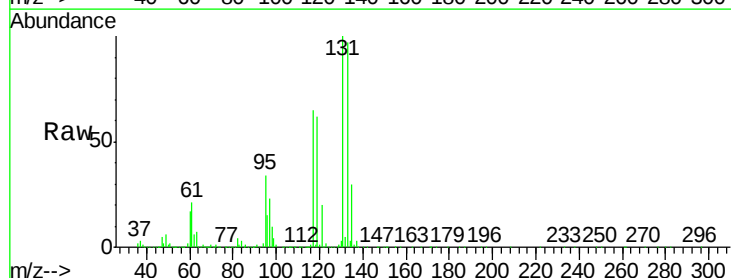
Tgt Ion:131 Resp: 199826

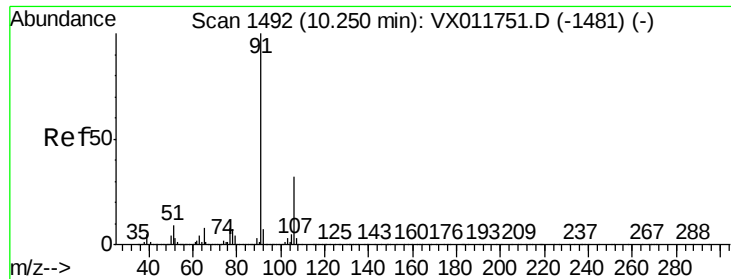
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.4

119 62.7 31.3 93.8





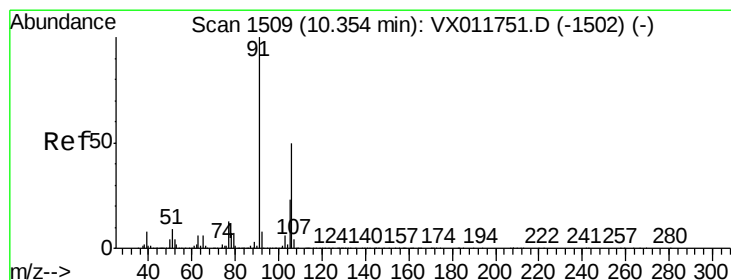
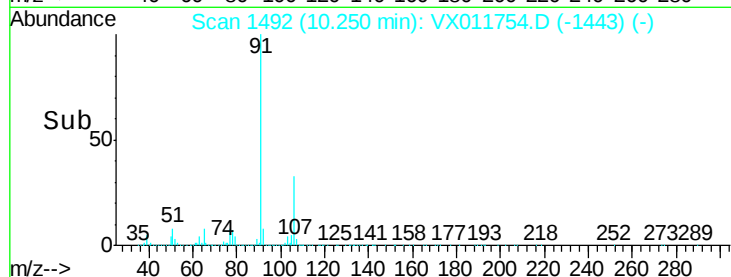
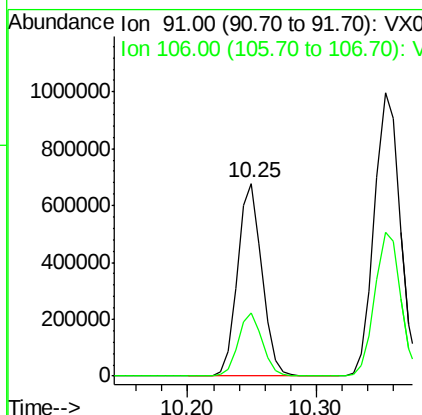
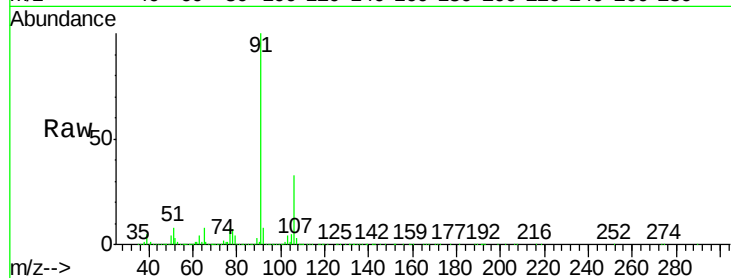
#67
Ethyl Benzene
Concen: 52.383 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampled :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.5	38.3

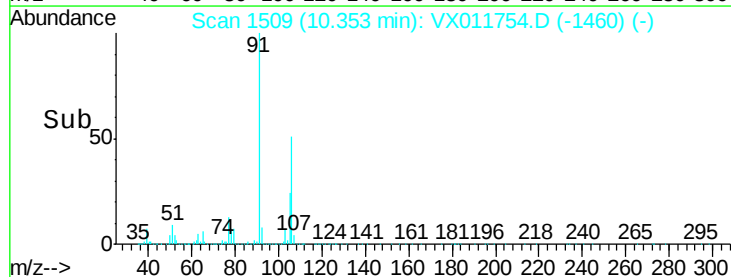
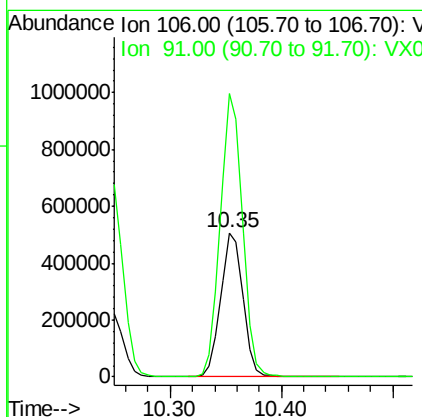
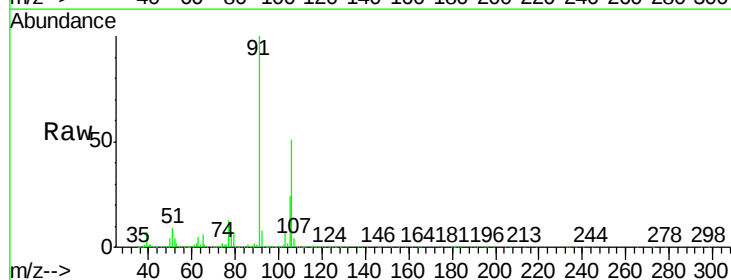
Manual Integrations
APPROVED

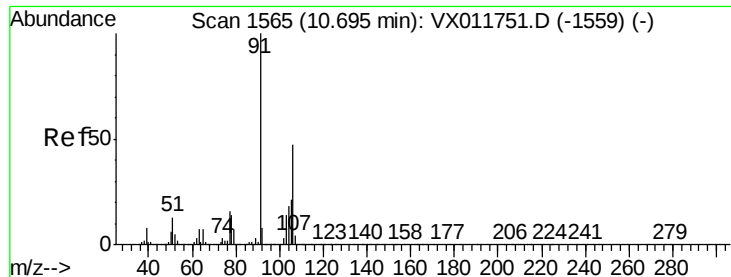
MMDadoda
8/23/2019 1:56:01 PM



#68
m/p-Xylenes
Concen: 107.198 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.3	158.3	237.5





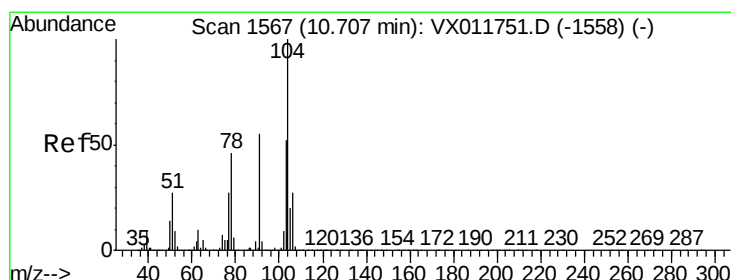
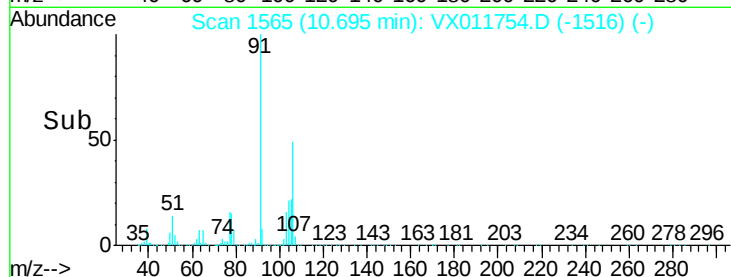
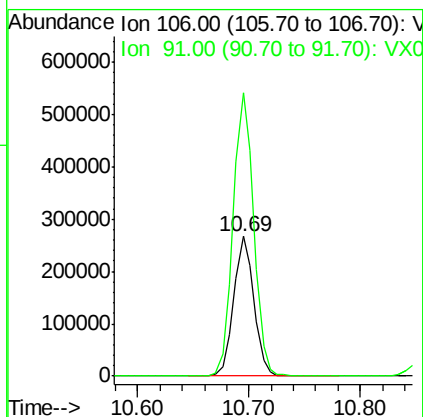
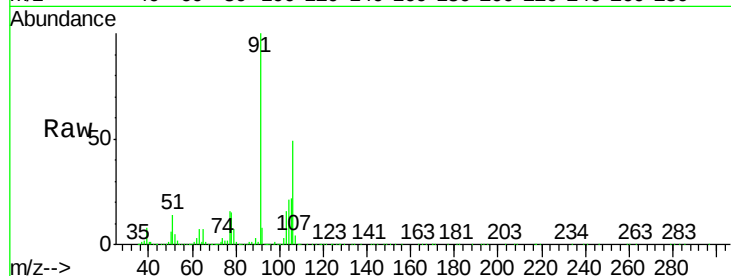
#69
o-Xylene
Concen: 52.073 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.6	105.0	314.9

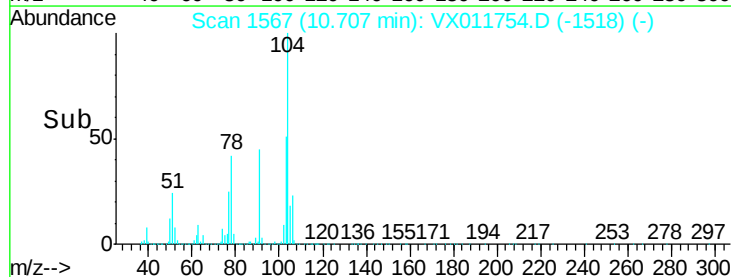
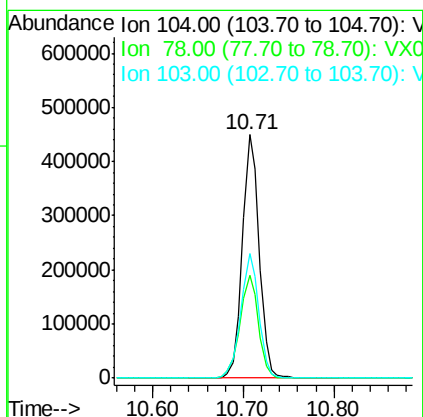
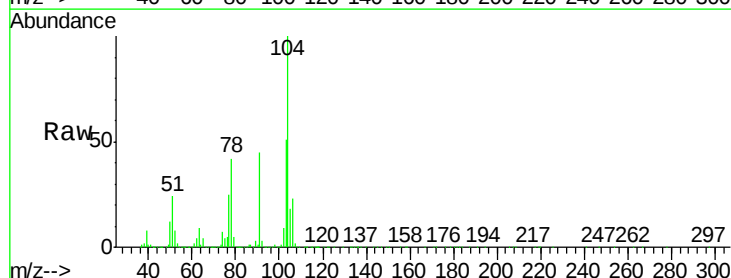
Manual Integrations
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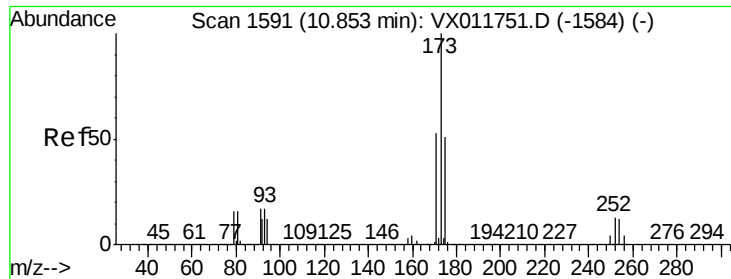
MMDadoda
8/23/2019 1:56:01 PM



#70
Styrene
Concen: 53.862 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.6	39.2	58.8
103	54.6	44.5	66.7





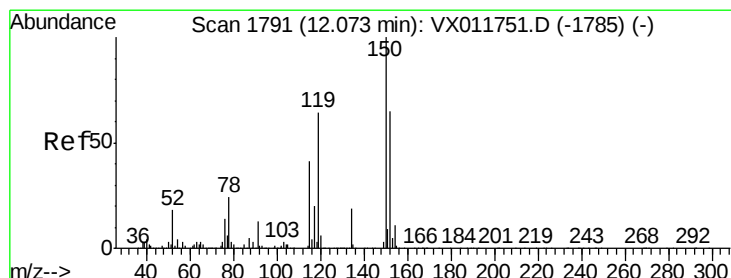
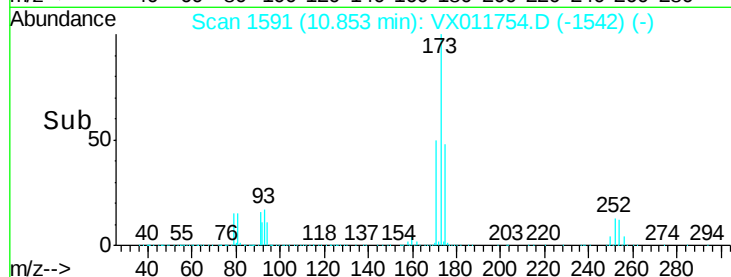
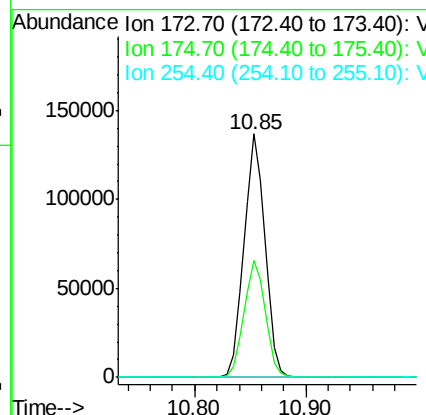
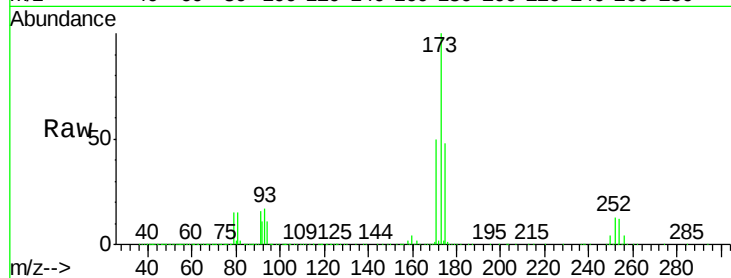
#71
Bromoform
Concen: 54.552 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	25.1	75.3
254	0.2	0.2	0.4

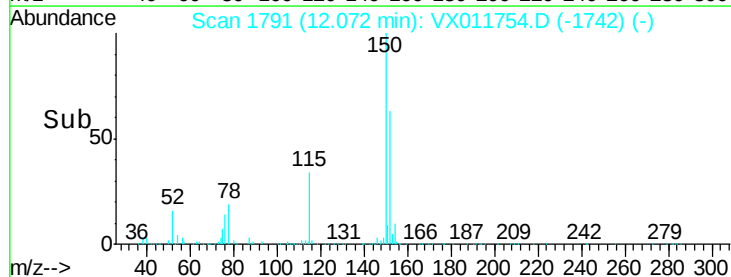
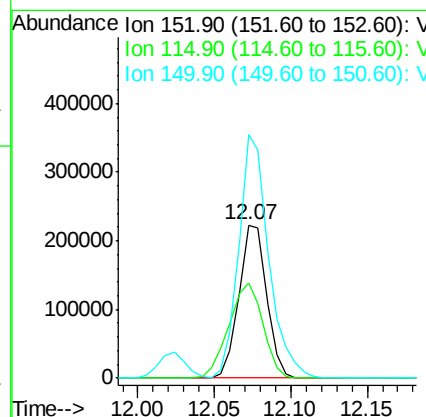
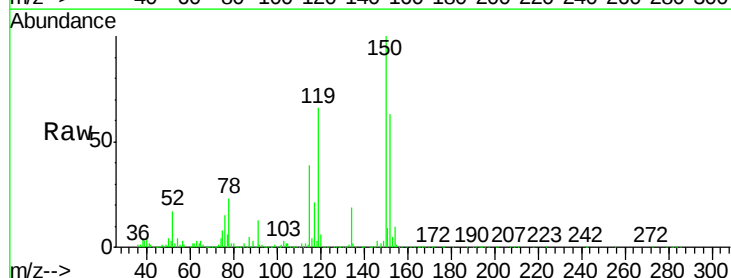
Manual Integrations
APPROVED

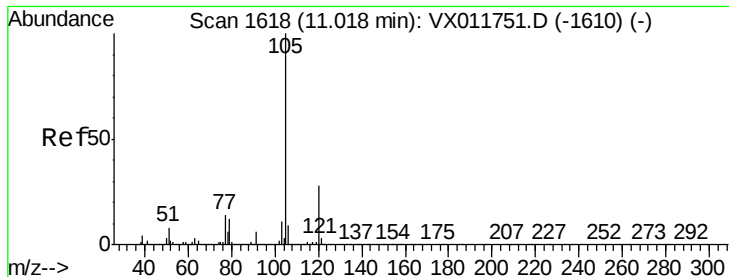
MMDadoda
8/23/2019 1:56:01 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.7	37.3	111.8
150	170.8	0.0	343.0





#73

Isopropylbenzene

Concen: 53.665 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion:105 Resp: 907827

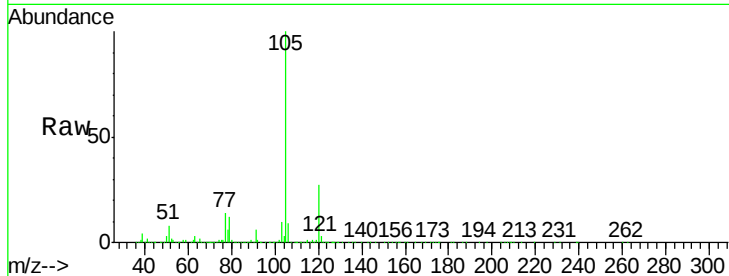
Ion Ratio Lower Upper

105 100

120 27.9 13.9 41.7

Manual Integrations
APPROVED

MMDadoda
8/23/2019 1:56:01 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

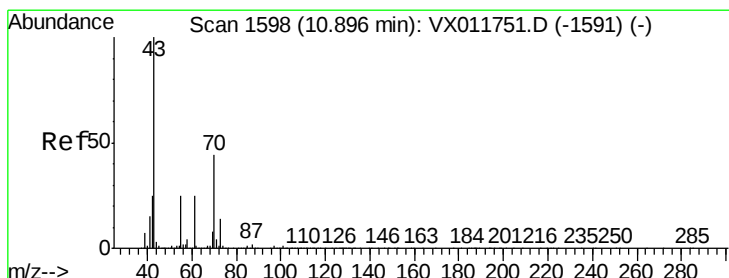
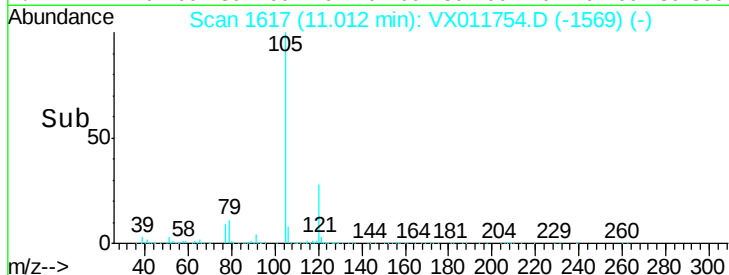
200000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 53.841 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion: 43 Resp: 352618

Ion Ratio Lower Upper

43 100

70 43.9 34.8 52.2

55 24.5 19.5 29.3

61 25.2 19.8 29.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

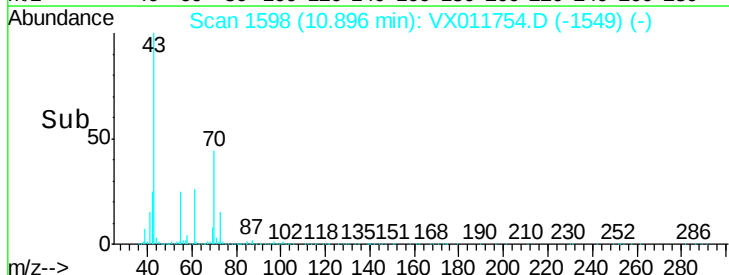
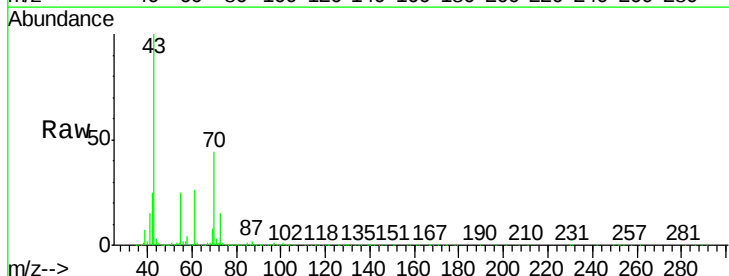
100000

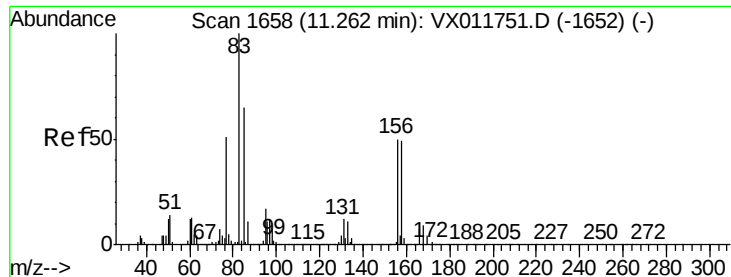
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.027 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

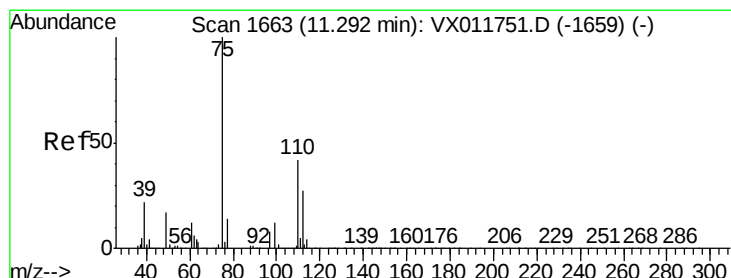
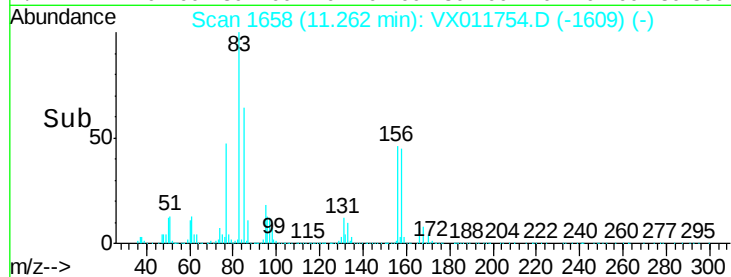
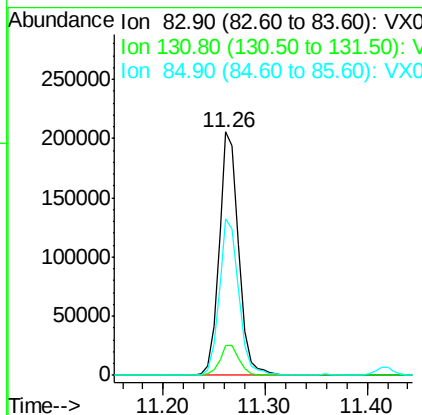
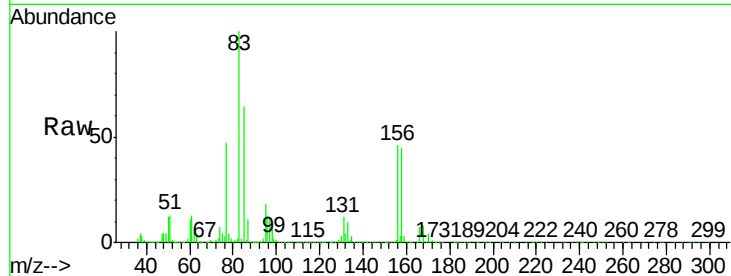
ClientSampleId :

ICVVX082219

Tot Ion:	83	Resp:	274519
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.1	18.3
85	64.6	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.146 ug/l m

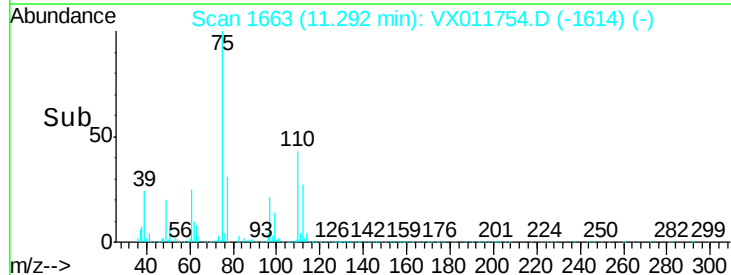
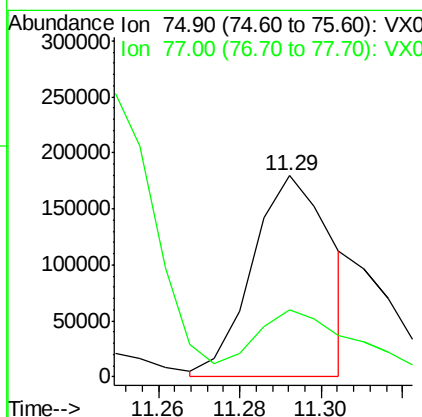
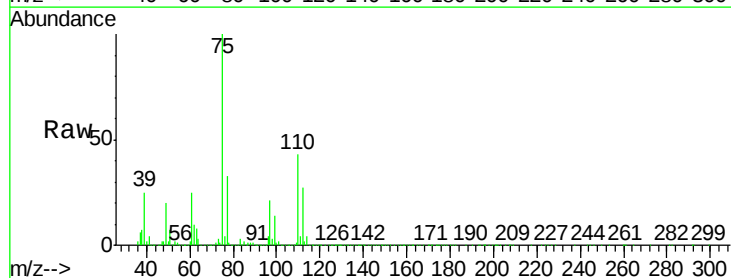
RT: 11.29 min Scan# 1663

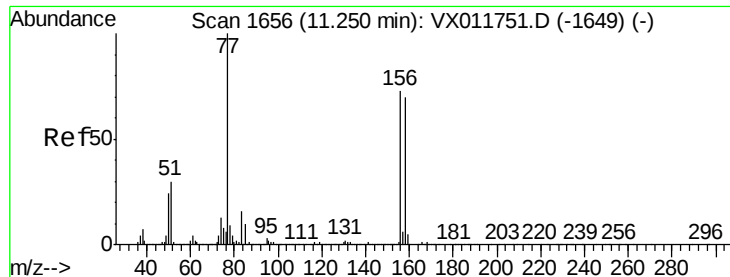
Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	75	Resp:	242075
Ion Ratio	Lower	Upper	
75	100		
77	42.6	21.1	63.3





#77

Bromobenzene

Concen: 49.236 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

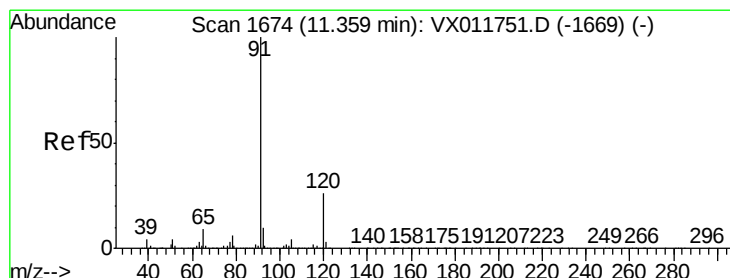
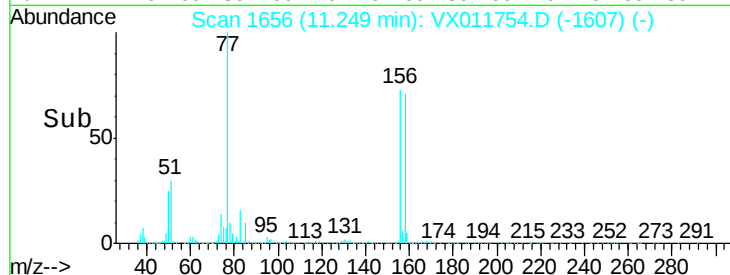
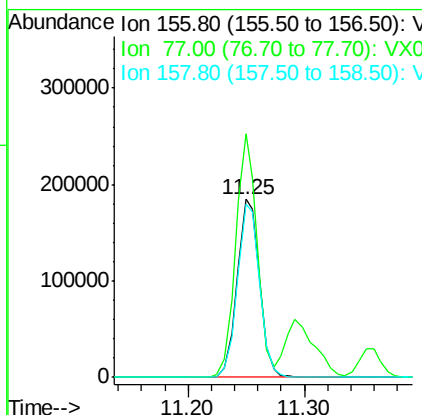
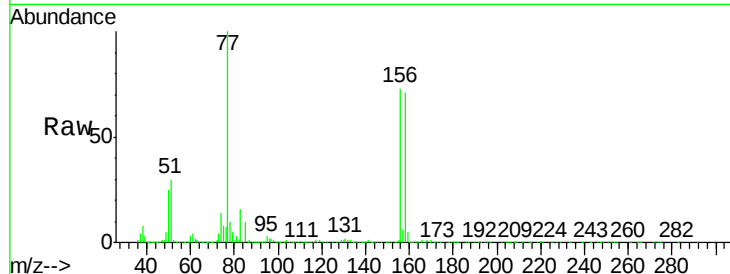
ClientSampleId :

ICVVX082219

Tot Ion:	156	Resp:	245546
Ion Ratio	Lower	Upper	
156	100		
77	131.3	65.3	196.0
158	97.3	48.4	145.0

Manual Integrations
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#78

n-propylbenzene

Concen: 55.239 ug/l

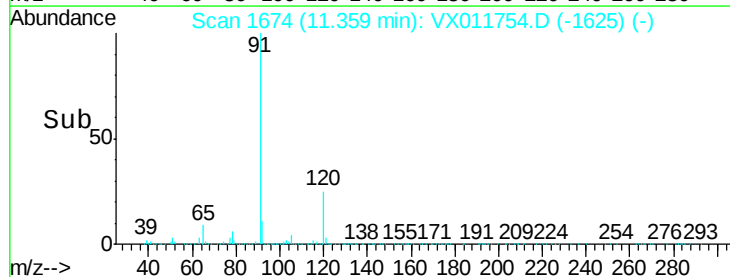
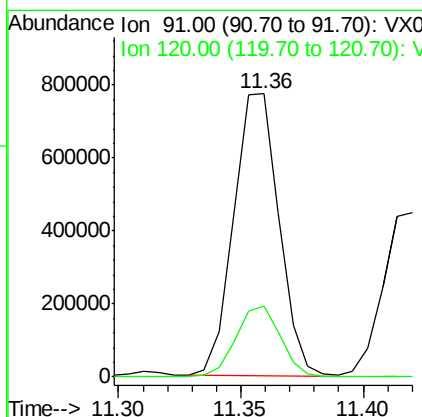
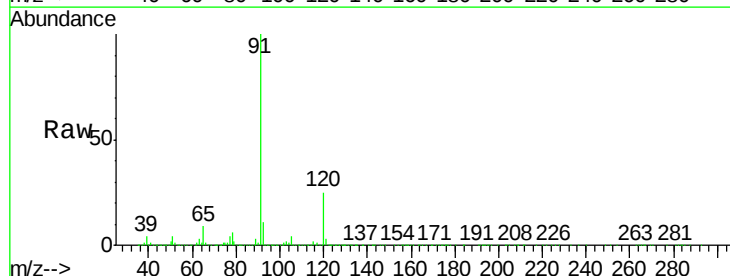
RT: 11.36 min Scan# 1674

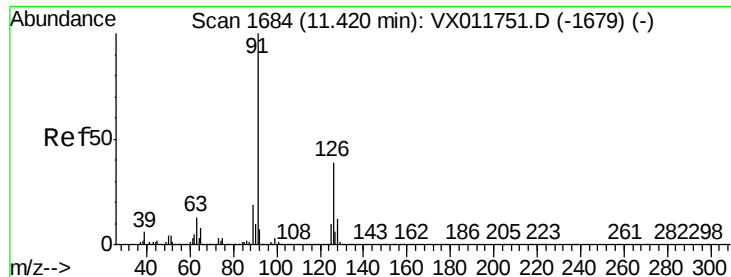
Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	91	Resp:	999193
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.7	38.1





#79

2-Chlorotoluene

Concen: 52.520 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tot Ion: 91 Resp: 591032

Ion Ratio Lower Upper

91 100

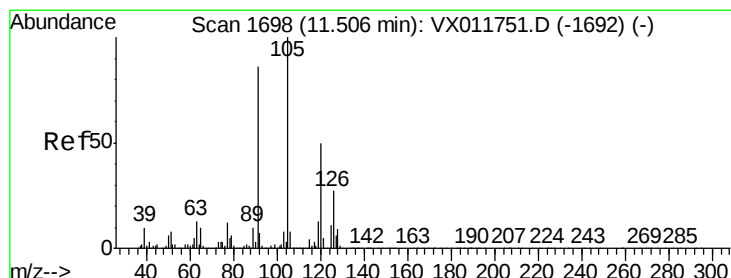
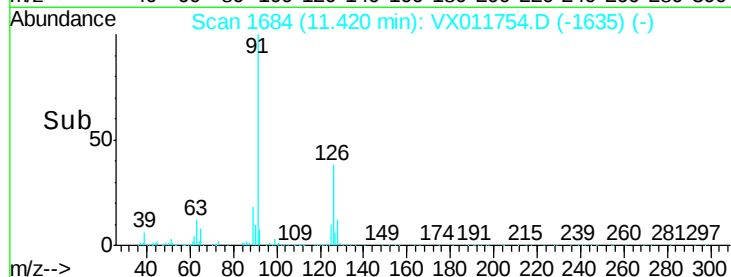
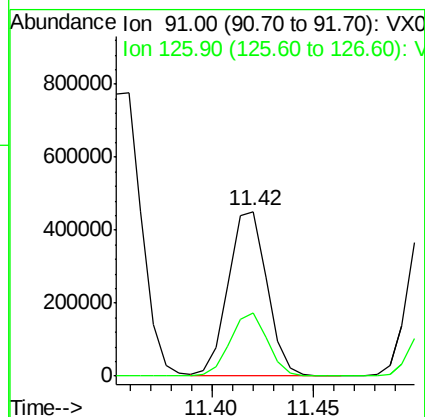
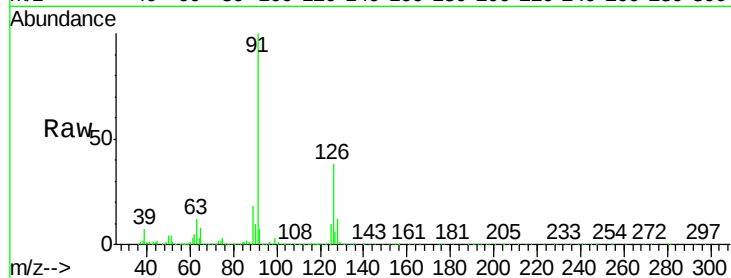
126 37.2 18.6 55.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 54.065 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011754.D

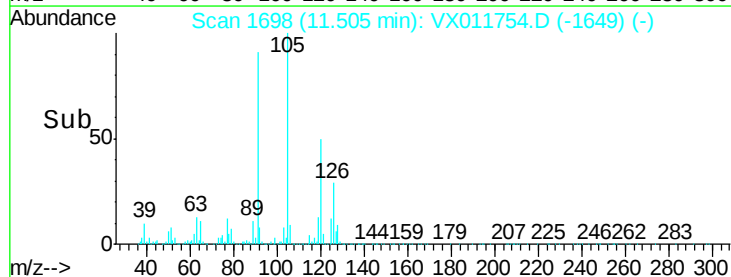
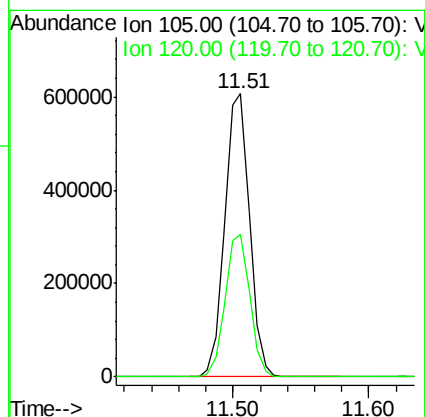
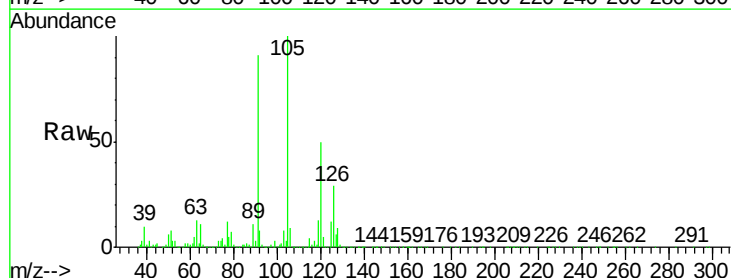
Acq: 22 Aug 2019 11:27

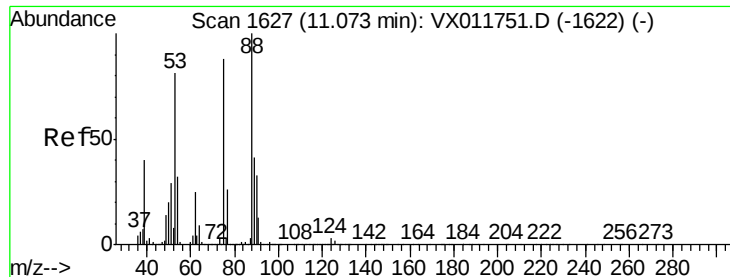
Tgt Ion:105 Resp: 763099

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.4





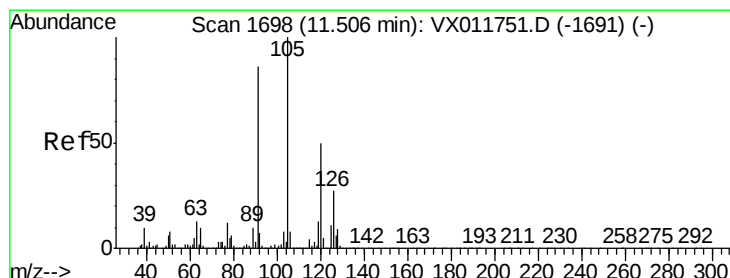
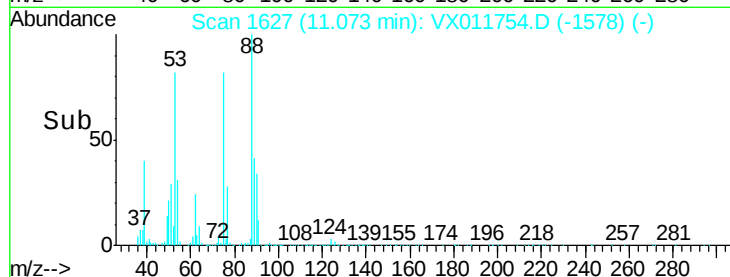
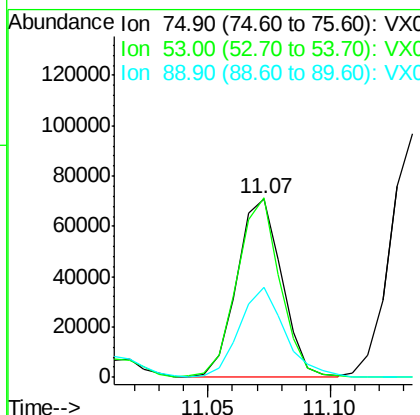
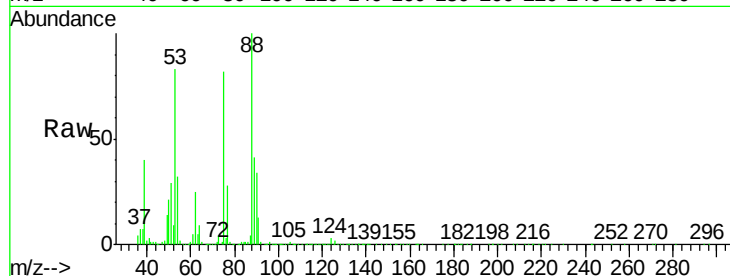
#81
trans-1,4-Dichloro-2-butene
Concen: 54.616 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.1	77.1	115.7
89	51.7	38.5	57.7

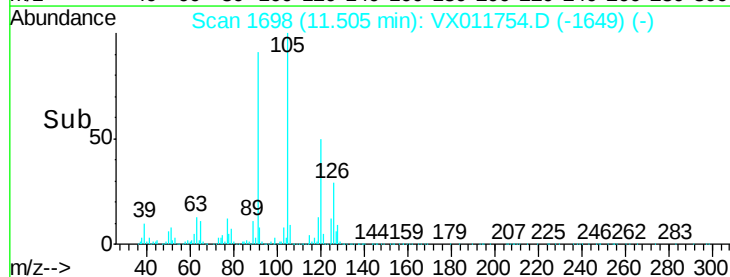
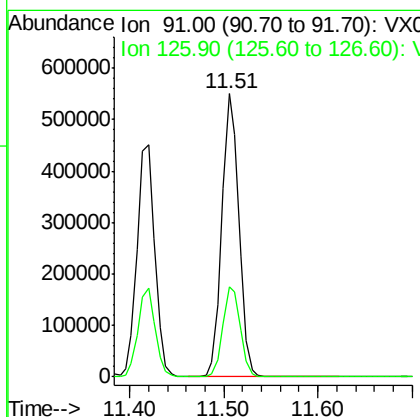
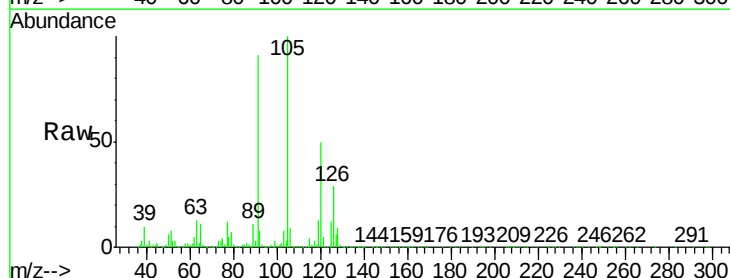
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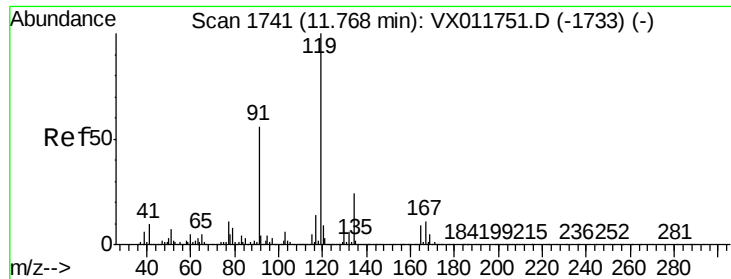
MMDadoda
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#82
4-Chlorotoluene
Concen: 53.287 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.6





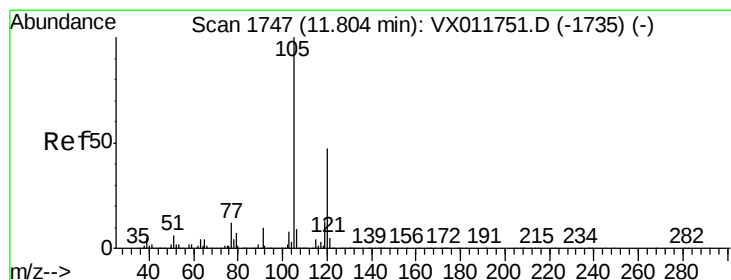
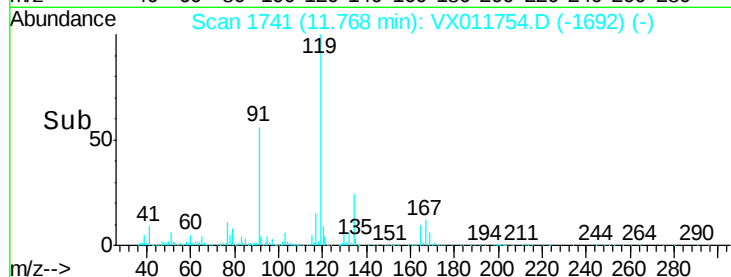
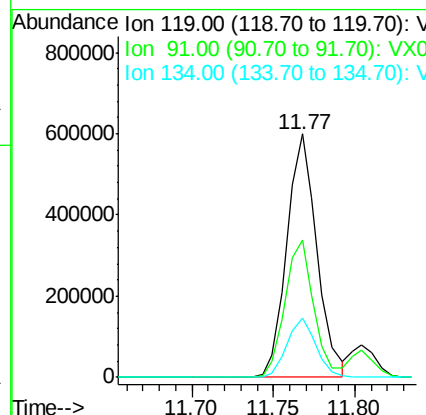
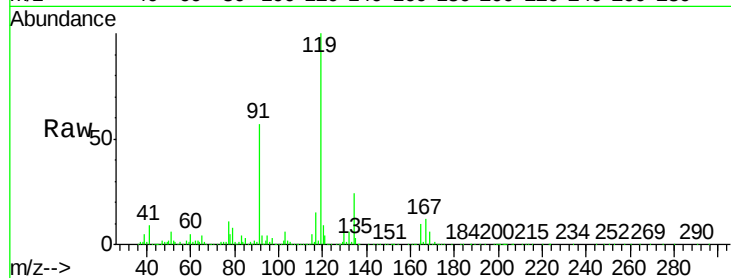
#83
tert-Butylbenzene
Concen: 55.370 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.4	27.7	83.1
134	23.4	11.8	35.3

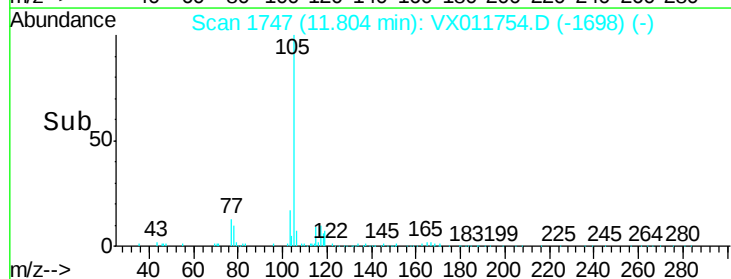
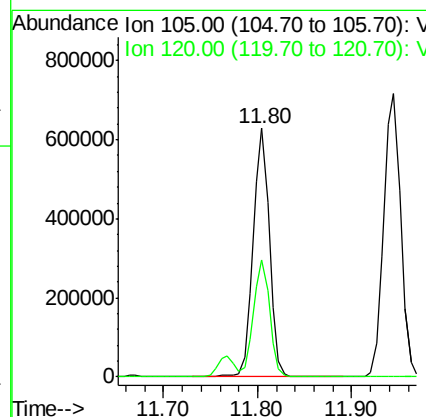
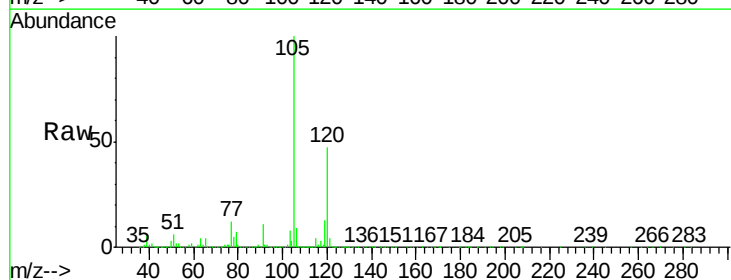
Manual Integrations
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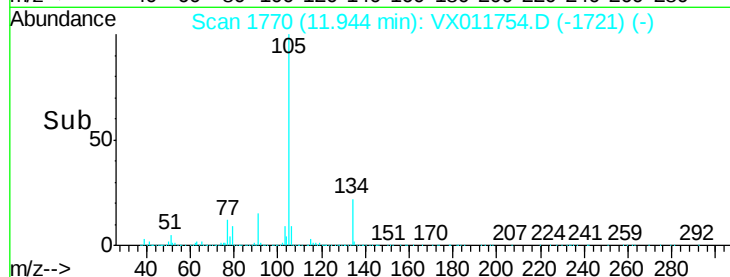
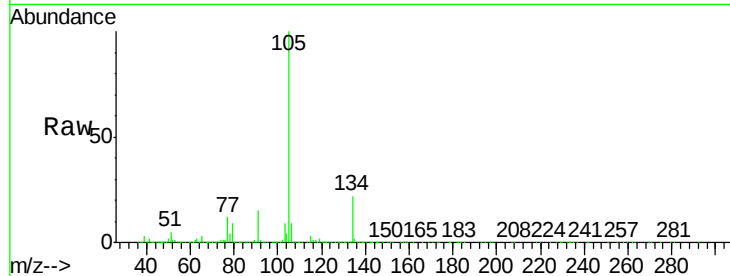
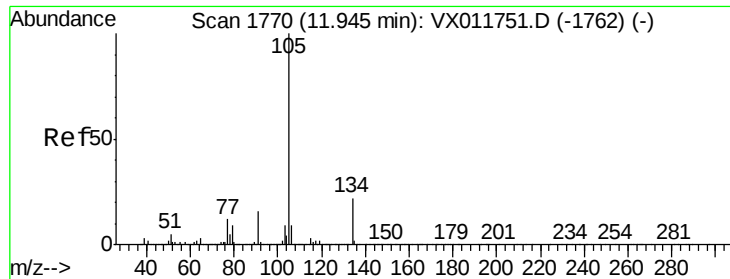
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#84
1,2,4-Trimethylbenzene
Concen: 53.122 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.7	71.1





#85

sec-Butylbenzene

Concen: 56.236 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tot Ion:105 Resp: 895815

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.3

Instrument :

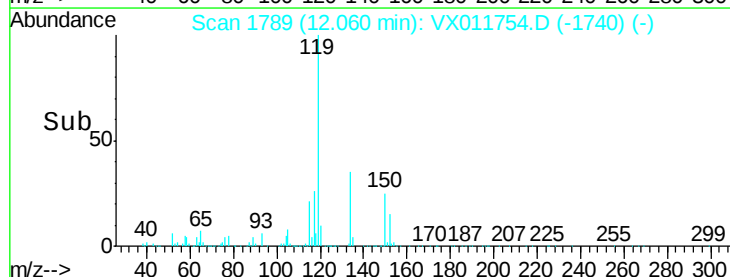
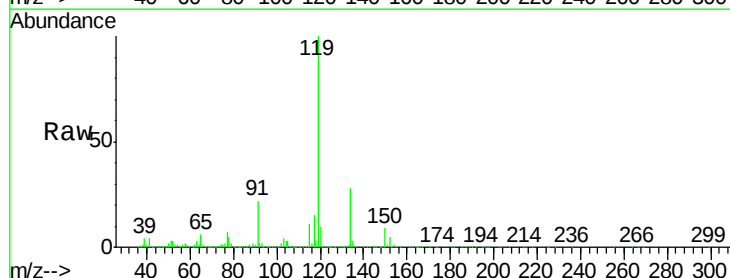
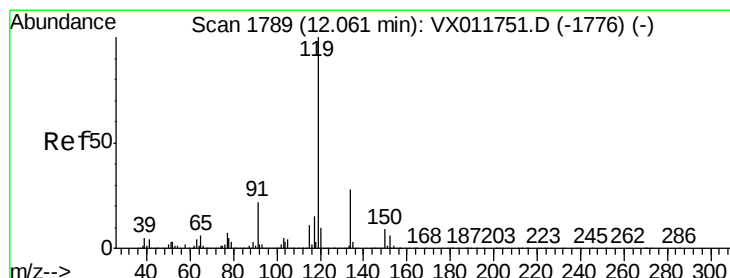
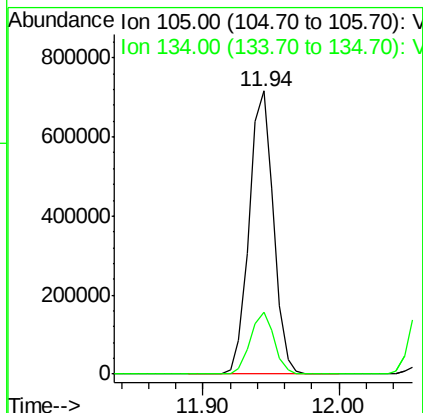
MSVOA_X

ClientSampleId :

ICVVX082219

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#86

p-Isopropyltoluene

Concen: 56.312 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

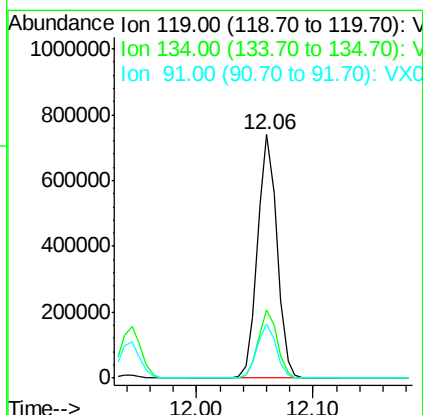
Tgt Ion:119 Resp: 863073

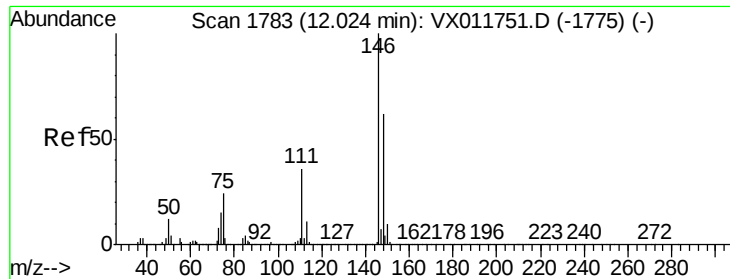
Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.0

91 22.1 11.1 33.3





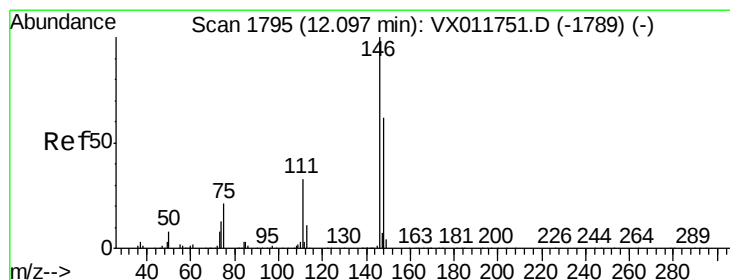
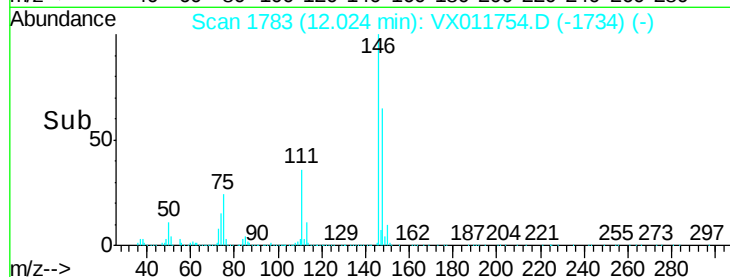
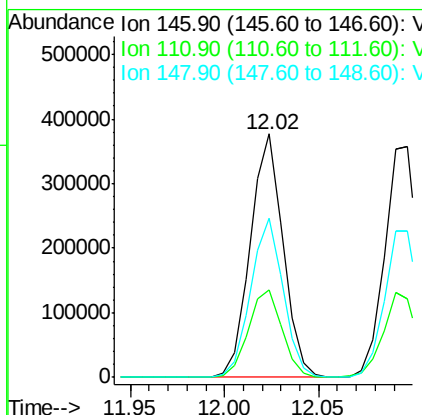
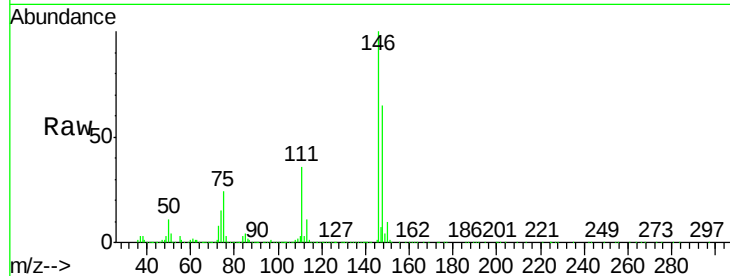
#87
 1,3-Dichlorobenzene
 Concen: 52.765 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.4
148	64.9	31.6	94.7

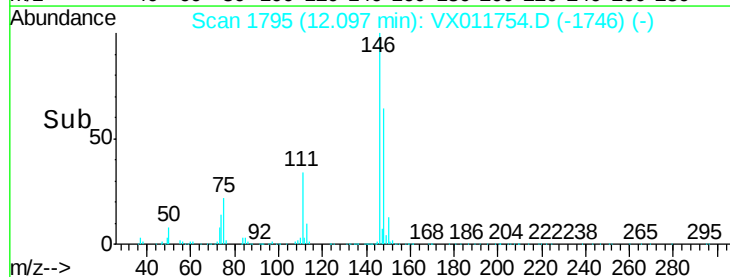
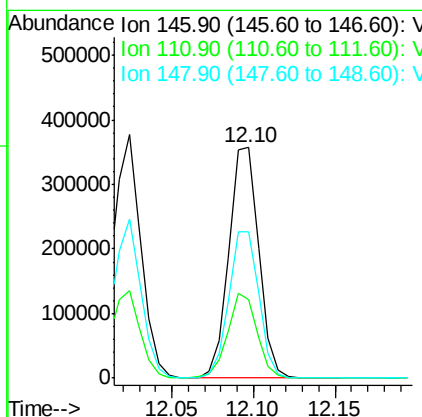
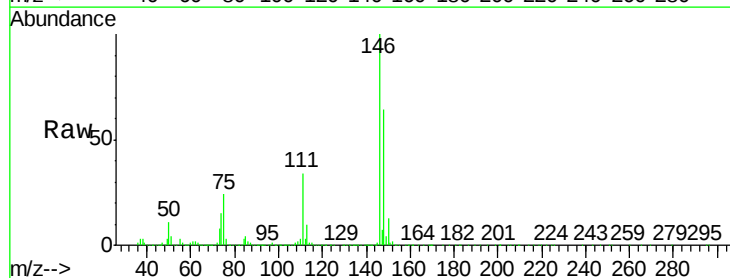
Manual Integrations
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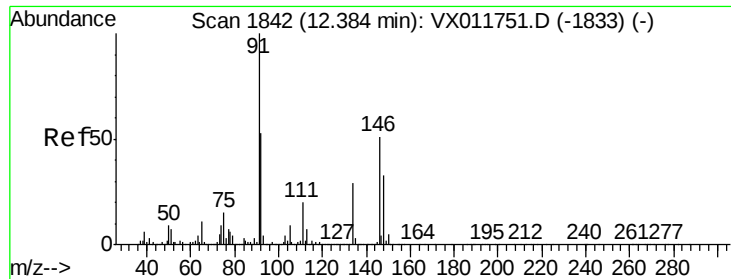
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#88
 1,4-Dichlorobenzene
 Concen: 52.242 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.8	53.4
148	64.3	31.9	95.7





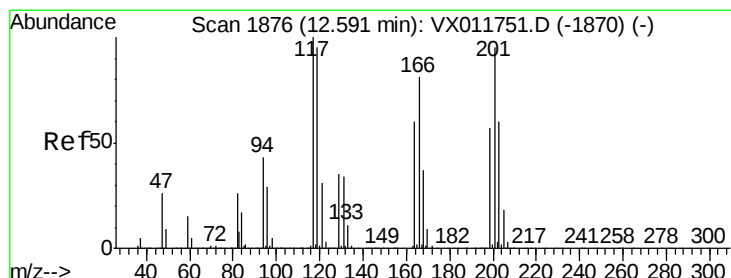
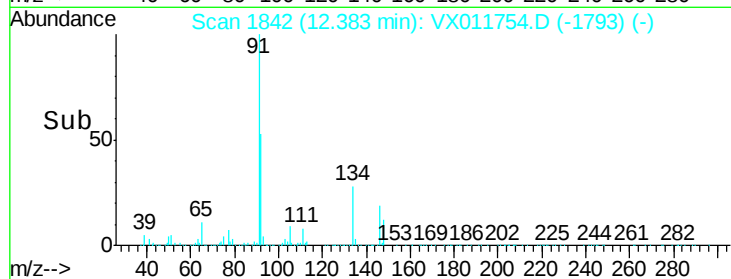
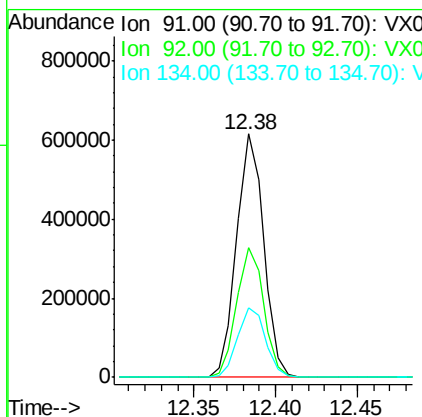
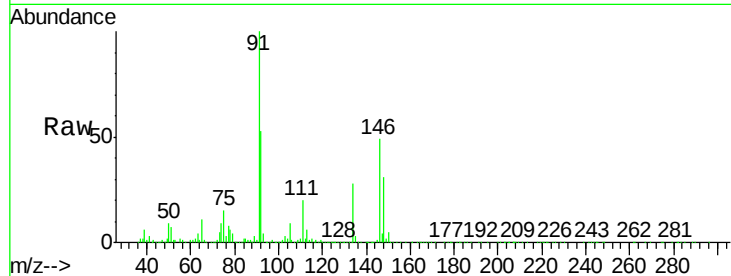
#89
n-Butylbenzene
Concen: 56.486 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.7	80.0
134	29.2	14.6	43.8

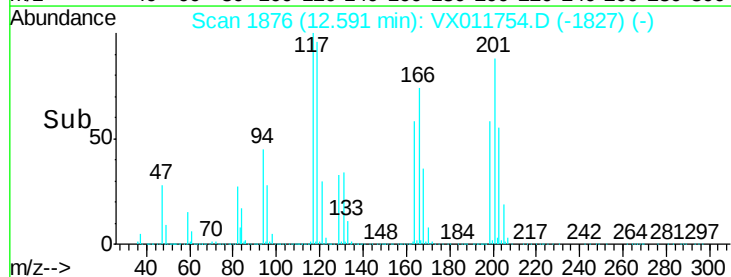
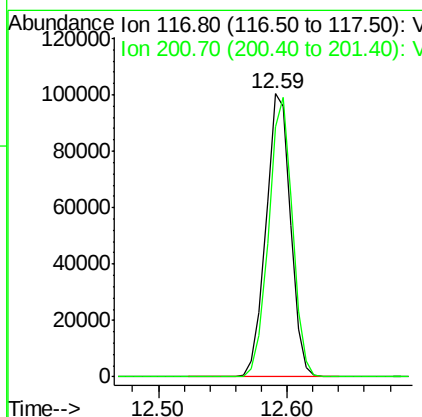
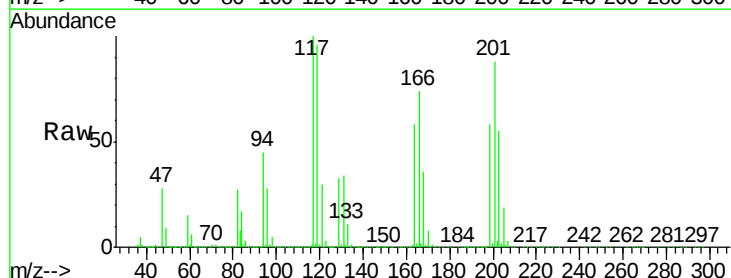
Manual Integrations
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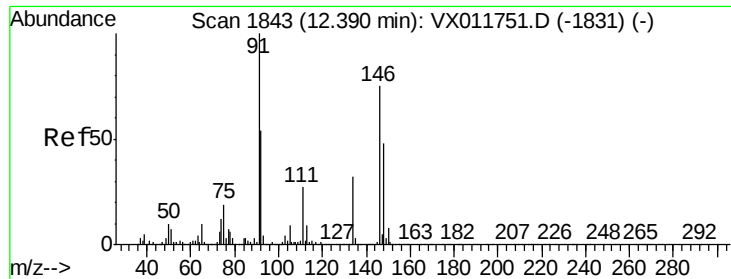
MMDadoda
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#90
Hexachloroethane
Concen: 55.869 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.5	49.6	149.0





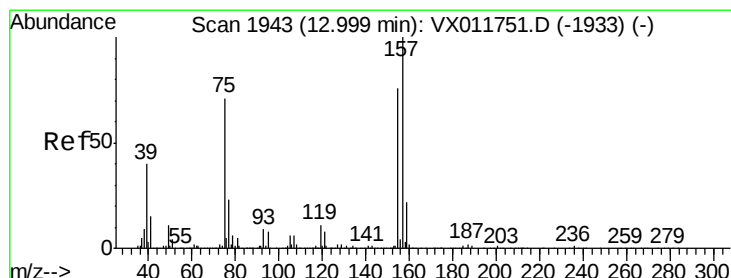
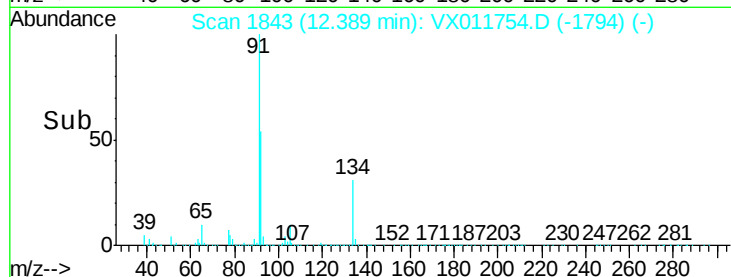
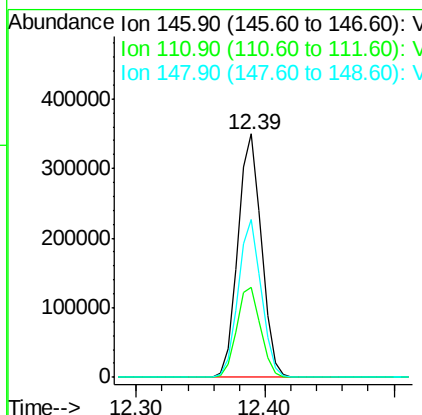
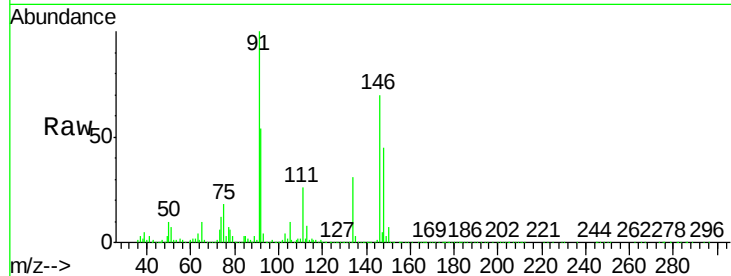
#91
 1,2-Dichlorobenzene
 Concen: 51.031 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

Tot Ion:	146	Resp:	442032
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.8	56.4
148	63.7	31.6	95.0

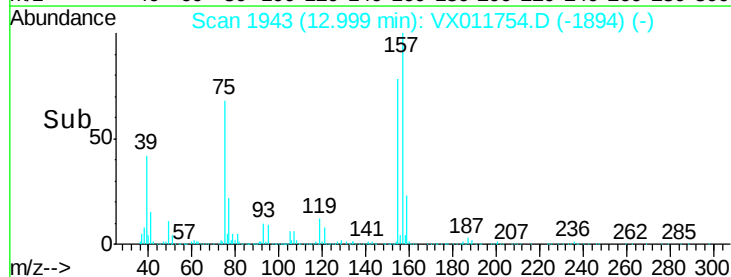
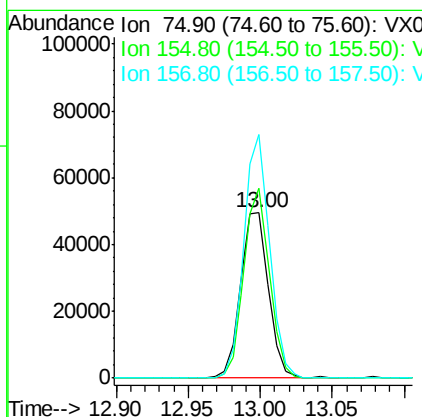
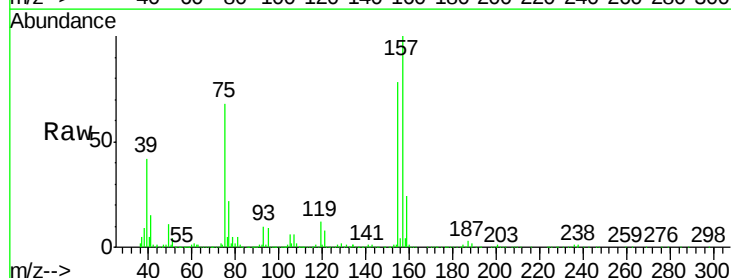
Manual Integrations
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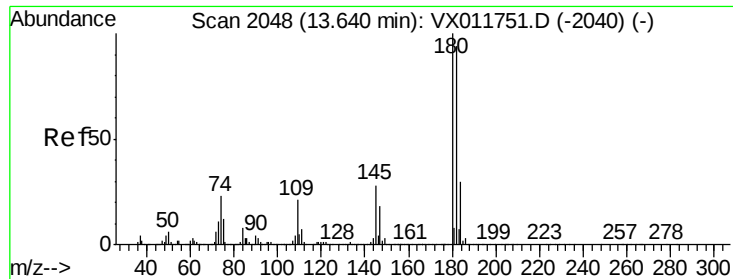
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.625 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion:	75	Resp:	65892
Ion Ratio	Lower	Upper	
75	100		
155	106.9	52.6	157.9
157	136.4	68.3	204.9





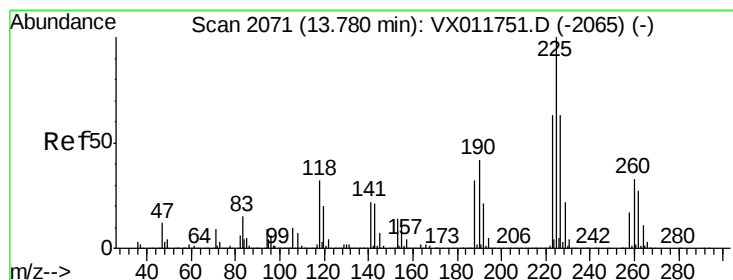
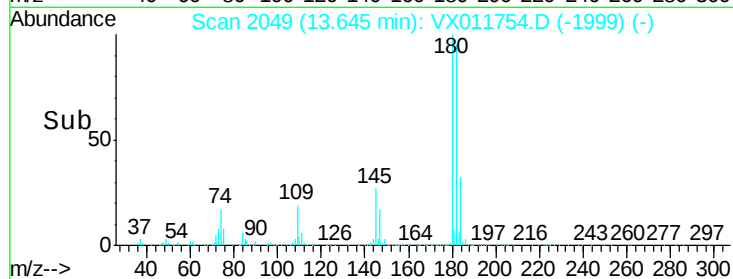
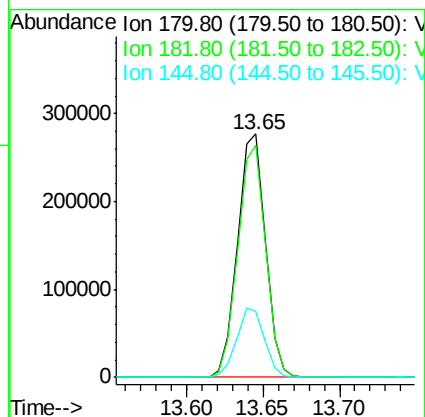
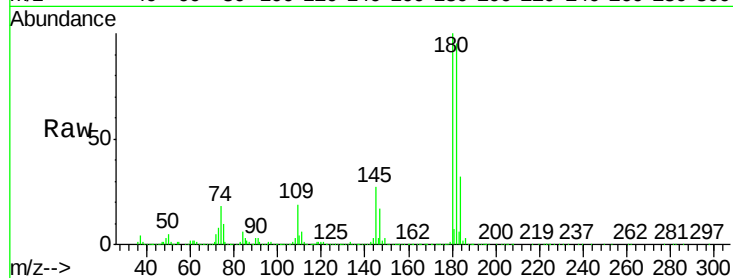
#93
 1,2,4-Trichlorobenzene
 Concen: 54.760 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.8	143.4	
145	28.3	14.1	42.3	

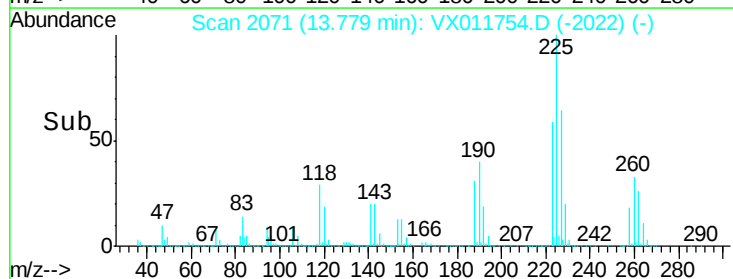
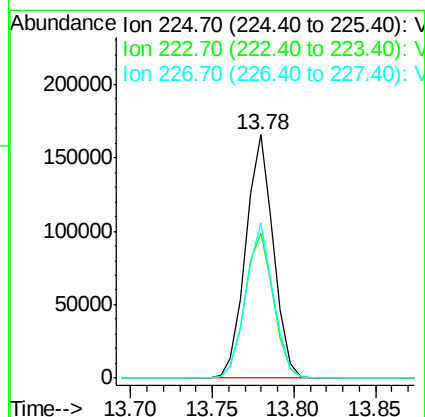
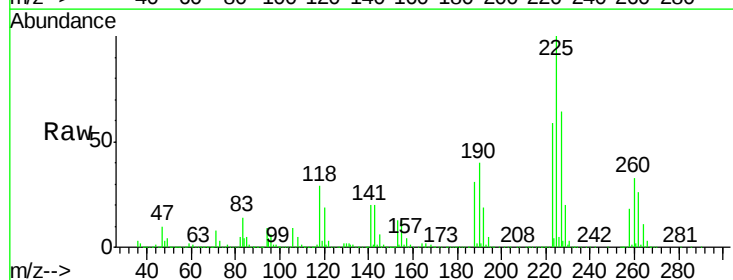
Manual Integrations
 APPROVED

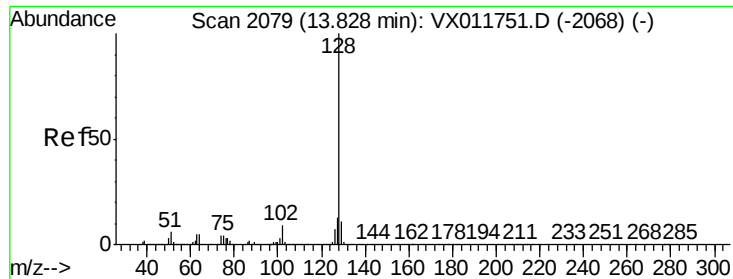
MMDadoda
 8/23/2019 1:56:01 PM



#94
 Hexachlorobutadiene
 Concen: 55.907 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	31.0	93.0	
227	63.2	31.8	95.3	





#95

Naphthalene

Concen: 55.222 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

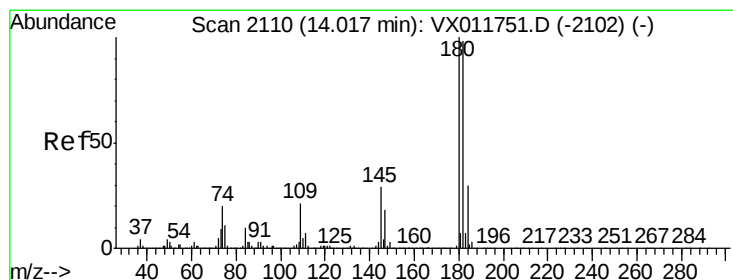
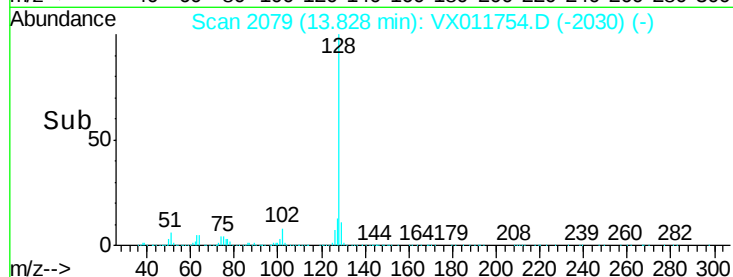
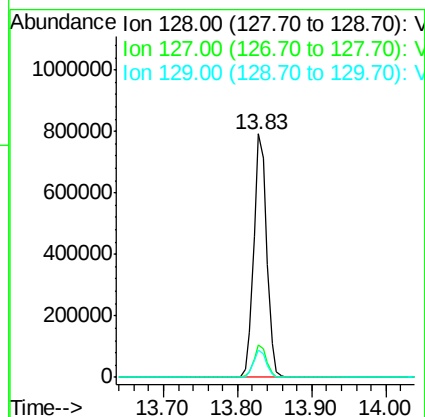
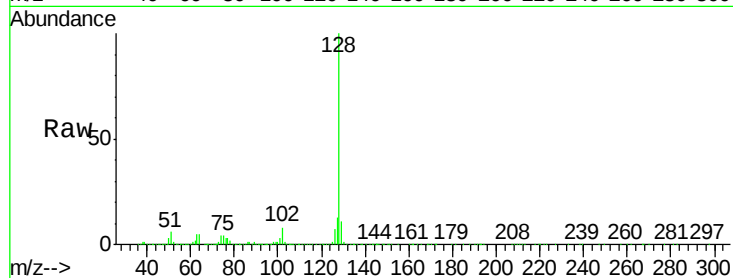
ClientSampleId :

ICVVX082219

Tot Ion:	128	Resp:	969060
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/23/2019 1:56:01 PM



#96

1,2,3-Trichlorobenzene

Concen: 55.086 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion:	180	Resp:	352418
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.5	145.5
145	28.9	14.6	43.8

